



Government
Publication

Digitized by the Internet Archive
in 2023 with funding from
University of Toronto

<https://archive.org/details/31761117139832>

51-201



733-

CIVIL AVIATION *Annual*
PRELIMINARY ANNUAL
1956

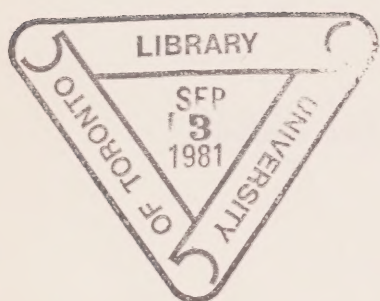


Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation and Public Utilities Section

8504-512-126

Price 25 cents



CIVIL AVIATION

PRELIMINARY REPORT

1956

This report is a summary of monthly statements supplied by Canadian scheduled and non-scheduled air carriers as well as foreign carriers in domestic, transborder and overseas services to and from Canadian air stations. A more comprehensive annual report based on audited yearly statements from all companies will appear later under the title "Civil Aviation, 1956". The figures shown in this report are subject to revision.

In 1956, Canadian air carriers reported their most active year in history. Operating revenue amounted to \$180,531,375 against \$152,739,018 in 1955, an increase of \$27,792,357 or 18.2 per cent, and although operating expenses continued their upward trend the operating income of \$8,978,664 was a new all-time high. This was the sixth surplus in as many years and was \$2,894,460 or 47.6 per cent greater than the \$6,084,204 reported in 1955 and well above the previous high of \$6,990,586 registered in 1951. Both the scheduled and non-scheduled carriers shared in this surplus. The former reported total revenues of \$145,388,482 and expenses of \$139,733,245 resulting in an operating income of \$5,655,237, while the latter earned \$35,142,893 and incurred expenses of \$31,819,466 resulting in a surplus of \$3,323,427.

All revenue accounts showed substantial gains over the previous year. Revenue from passenger fares jumped to \$96,241,945 from \$77,598,119, a gain of 24.0 per cent. Goods carried earned \$9,202,294 against \$7,951,670; mail revenues rose to \$11,533,998 from \$10,904,729 and excess baggage receipts were \$1,156,444 compared with \$863,494. Bulk transportation services produced \$52,457,234, an 17.8 per cent increase over the \$44,543,258 earned in 1955.

All individual expense accounts showed increases for the year. Aircraft operation and maintenance costs rose to \$106,143,800 from \$90,504,604 while ground operation and maintenance required \$38,659,154 as compared with \$32,909,216. Traffic expenses amounted to \$16,078,680 against \$13,898,252 and general administration costs rose to \$9,906,367 from \$8,723,804. General taxes of \$764,710 compared with \$618,938 brought the total operating expenses for the year to \$171,552,711 as against the \$146,654,814 reported in 1955, an increase of \$24,897,897 or 17.0 per cent.

Canadian air carriers transported a total of 3,316,815 revenue passengers during the year, an increase of 599,478 or 22.1 per cent over the 2,717,337 carried last year. This year 2,796,715 were transported in unit toll services against 2,311,115 in 1955. Bulk or charter services were used by 520,100 passengers in 1956, while 406,222 were carried in this type of service in the previous year. The increase in the number of passengers attests to the growing popularity of air travel with the Canadian public. The number of passenger miles flown in revenue unit toll transportation rose 25.9 per cent to 1,480,007,035 from 1,175,343,729 in 1955.

The volume of airmail handled increased to 25,570,279 lbs. representing 9,894,104 ton miles from the 24,267,437 lbs. and 8,937,435 ton miles reported last year.

During the year Canadian carriers flew a total of 97,955,379 miles in 626,599 hours. Revenue unit toll services required 56,062,811 miles and 288,071 hours with bulk operations logging an additional 41,892,568 miles and 338,528 hours. In the previous year unit toll services recorded 48,593,351 miles and 261,424 hours of flight while bulk operations accounted for 32,266,480 miles and 254,880 hours.

Statistics received from foreign air carriers operating into Canada show that 544,113 passengers, 9,942,801 lbs. of freight and 2,344,009 lbs. of mail were carried in 1956. Comparative figures for 1955 show 531,762 passengers, 8,838,655 lbs. of freight and 2,349,068 lbs. of mail.

GENERAL STATISTICS

Preliminary Annual, 1956

TABLE 1

	Canadian carriers						Foreign carriers		Grand total all services	Grand total 1955
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services			
	Scheduled	Non-scheduled								
Miles flown: Revenue: Unit toll transportation Bulk transportation Total revenue miles flown	38,065,711 14,623,282 52,688,993	1,724,682 27,116,138 28,840,820	6,721,275 712 6,721,987	9,551,143 152,436 9,703,579	56,062,811 41,892,568 97,955,379	1,714,989 5,083 1,720,072	1,528,058 38,086 1,566,144	59,305,858 41,935,737 101,241,595	51,474,575 32,330,729 83,805,304	
Hours flown: Revenue: Unit toll transportation Bulk transportation Other flying services Total revenue Non-revenue Total hours flown	205,613 96,894 4,815 307,322 18,885 326,207	15,106 241,040 82,834 338,980 16,265 355,245	30,237 3 - 30,240 402 30,642	37,115 591 - 37,706 1,387 39,093	288,071 338,528 87,649 714,248 36,939 751,187	9,321 24 - 9,345 80 9,425	5,966 155 - 6,121 9 6,130	303,358 338,707 87,649 729,714 37,028 766,742	275,789 255,135 74,989 605,913 31,306 637,219	
Fuel consumed: Gasoline Cost Oil Cost	58,059,860 18,158,863 648,445 685,457	11,143,087 5,011,141 160,141 199,245	(2) (2) (2) (2)	14,027,597 4,332,007 189,979 163,623	83,230,544 27,502,011 998,565 1,048,325	(3) 9,689,743 2,986,497 (3) 126,073 99,409	(3) 9,716,050 2,749,637 (3) 83,614 63,382	102,636,337 33,238,145 1,208,252 1,211,116	77,938,918 25,070,432 1,006,154 960,154	
Average number of employees Salaries and wages	10,980 49,586,545	2,024 9,845,127	(2) (2)	1,218 5,576,602	14,222 65,008,274	280 1,290,017	283 1,177,269	14,785 67,475,560	13,783 57,665,410	
Average number of aircraft: Owned Leased Total	216 17 233	524 45 569	(2) (2) (2)	13 - 13	753 62 815	Not applicable applicable 33.1	Not applicable applicable 41.4	753 62 815	699 69 768	
Ratio of miles flown to miles scheduled (1) Revenue passenger load factor - scheduled	95.8 69.2	Not applicable applicable	93.6 75.5	98.4 59.5	96.0 67.3	94.9 33.1	93.7 41.4	95.9 65.1	96.3 63.1	

(1) Includes miles flown on regular scheduled flights only.

(2) Included in scheduled domestic services.

(3) Gasoline and oil taken on in Canada.

TABLE 2

Preliminary Annual, 1956

	Canadian carriers							Foreign carriers		Grand total all services	Grand Total 1955
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services				
	Scheduled	Non-scheduled									
Passengers carried: Revenue: Unit toll transportation Bulk transportation Total revenue passengers carried	2,071,995 124,095 2,196,090	43,516 394,236 437,752	(1)	556,519 98 556,617	124,685 1,671 126,356	279,6715 520,100 331,6815	484,100 654 484,754	56707 2652 59359	3337522 523406 3860928	2838267 410832 3249099	
Passenger miles - Unit toll transportation: Revenue Non-revenue Total passenger miles	941,074,180 41,649,230 982,723,410	4,756,269 114,849 4,871,118		189330582 2566584 191897166	344,846,004 14,555,535 359,401,539	148007035 5886198 1538893233	25742983 779173 26522156	40915126 1751519 42666645	1546665144 61416890 1608082034	1223825448 57477989 1281303437	
Freight carried (lbs.): Revenue: Unit toll transportation Bulk transportation Total revenue Non-revenue Total freight carried	22,707,502 93,702,529 116,410,031 5,301,440 121,711,471	9,314,131 151,929,278 161,243,409 1,064,053 162,307,462	(2)	8845910 - 8845910 97309 8943219	2,913,030 36,937 2,949,967 490,880 3,440,847	43780573 245668744 289443317 6953682 296402999	7603900 21050 7624950 471712 (5) 8096662	1630041 2275 1632316 213823 (5) 1846139	53014514 245692069 298706583 7639217 306345800	(5) 57771346 175790484 (5) 233561830 7121832 (5) 240683662	
Freight ton miles - Unit toll transportation: Revenue Non-revenue Total freight ton miles	8,811,367 2,014,538 10,825,905	213,643 23,834 237,477		1574756 16049 1590805	5,780,829 808,661 6,589,490	16380595 2863082 19243677	297451 79754 (6) 377205	451263 97071 (6) 548334	17129309 3039907 20169216	18084169 3477194 (6) 21561363	
Express carried (lbs.)-Unit toll transport. Express ton miles Excess baggage carried (lbs.) Excess baggage ton miles Mail carried (lbs.)-Unit toll transportation Mail ton miles-Unit toll transportation	11,327,499 3,114,085 3,430,221 716,160 22,131,279 7,861,272	1,112,682 238,734 83,259 8,078 1,282,709 89,063	(3) (4)	2154462 377833 964668 172190 1181741 219508	- - 262,808 308,606 974,550 1,724,261	14594643 3730652 4740956 1205034 25570279 9894104	(7) (8) (7) (8) 1662434 53963	(7) (8) (7) (8) 681575 290391	14594643 3730652 4740956 1205034 27914288 10238458	(7) (8) (7) (8) 26616505 9048610	

(1) Includes 49,262 division interline passengers.

(2) Includes 286,023 lbs. division interline freight.

(3) Includes 31,249 lbs. division interline express.

(4) Includes 110,118 lbs. division interline excess baggage.

(5) Includes express and excess baggage.

(6) Includes express and excess baggage ton miles.

(7) Included in freight carried.

(8) Included in freight ton miles.

REVENUES AND EXPENSES

TABLE 3
Preliminary Annual, 1956

	Canadian carriers			
	Scheduled (1)	Non-scheduled	Total 1956	Total 1955
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	95,440,537	801,408	96,241,945	77,598,119
Mail	11,133,548	400,450	11,533,998	10,904,729
Freight	5,897,900	283,824	6,181,724	7,951,670
Express	2,912,364	108,206	3,020,570	(2)
Excess baggage	1,135,927	20,517	1,156,444	863,494
Total unit toll transportation	116,520,276	1,614,405	118,134,681	97,318,012
Bulk transportation	26,750,097	25,707,137	52,457,234	44,543,258
Other flying services	365,926	6,194,145	6,560,071	6,722,032
Total flying services	143,636,299	33,515,687	177,151,986	148,583,302
Non-flying services	1,752,183	1,627,206	3,379,389	4,155,716
Total operating revenues	145,388,482	35,142,893	180,531,375	152,739,018
Operating expenses:				
Aircraft operation and maintenance	81,865,140	24,278,660	106,143,800	90,504,604
Ground operation and maintenance	34,374,209	4,284,945	38,659,154	32,909,216
Traffic	15,635,326	443,354	16,078,680	13,898,252
General administration	7,170,428	2,735,939	9,906,367	8,723,804
General taxes	688,142	76,568	764,710	618,938
Total operating expenses	139,733,245	31,819,466	171,552,711	146,654,814
Operating income (or loss)	5,655,237	3,323,427	8,978,664	6,084,204
Add non-operating income	1,346,576	180,650	1,527,226	1,274,414
Gross income	7,001,813	3,504,077	10,505,890	7,358,618
Deduct interest and other income charges	1,896,968	333,479	2,230,447	1,535,759
Net income before income taxes	5,104,845	3,170,598	8,275,443	5,822,859
Deduct provision for income taxes	1,550,253	433,048	1,983,301	1,690,107
Net income (or deficit) after income taxes	3,554,592	2,737,550	6,292,142	4,132,752
Operating ratio	96.1	90.5	95.0	96.0

(1) Includes Canadian trans-border, Atlantic and Pacific services.

(2) Included in freight revenue.

Note: Revenues and expenses for foreign carriers not available.

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 4

Preliminary Annual, 1956

	Canadian Pacific Air Lines	Trans Air Ltd.	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total 1956	Total 1955
Miles scheduled	5,150,629	107,328	604,697	686,560	(3)1,033,196	28,278,359	35,860,769	31,935,399
Miles flown:								
Revenue:								
Unit toll transportation	5,933,448	439,787	682,385	2,176,744	1,033,196	27,800,151	38,065,711	34,042,757
Bulk transportation	3,028,439	1,763,464	4,641,184	4,568,864	561,069	60,262	14,623,282	8,339,721
Total revenue	8,961,887	2,203,251	5,323,569	6,745,608	1,594,265	27,860,413	52,688,993	42,382,478
Non-revenue	345,463	197,693	272,305	457,437	64,935	1,741,130	3,078,963	2,335,706
Total miles flown	9,307,350	2,400,944	5,595,874	7,203,045	1,659,200	29,601,543	55,767,956	44,718,184
Hours flown:								
Revenue:								
Unit toll transportation	38,102	4,034	4,713	17,642	7,321	133,801	205,613	189,113
Bulk transportation	19,485	14,337	26,140	32,680	3,935	317	96,894	53,251
Other flying services	-	-	421	4,385	-	9	4,815	502
Total revenue	57,587	18,371	31,274	54,707	11,256	134,127	307,322	242,866
Non-revenue	2,172	1,428	1,742	3,524	524	9,495	18,885	13,917
Total hours flown	59,759	19,799	33,016	58,231	11,780	143,622	326,207	256,783
Fuel consumed:								
Gasoline	6,403,172	1,125,049	5,174,806	3,412,378	1,004,919	(2) 40,939,536	(2) 58,059,860	(2) 44,370,171
Cost	3,365,302	635,181	1,565,005	1,671,242	400,772	(2) 10,521,361	(2) 18,158,863	(2) 13,993,798
Oil	80,213	20,462	47,986	90,044	17,819	(2) 391,921	(2) 648,445	(2) 561,428
Cost	87,153	24,679	36,136	103,327	17,559	(2) 416,603	(2) 685,457	(2) 530,509
Average number of employees	1,375	221	462	547	202	(2) 8,173	(2) 10,980	(2) 10,086
Salaries and wages	6,171,634	1,480,030	2,486,921	2,793,745	794,103	(2) 35,860,112	(2) 49,586,545	(2) 42,192,933
Average number of aircraft:								
Owned	32	30	25	53	10	(2) 66	(2) 216	(2) 174
Leased	-	-	-	17	-	-	17	6
Total	32	30	25	70	10	(2) 66	(2) 233	(2) 180
Ratio of miles flown to miles scheduled (1)	97.7	75.5	87.3	94.9	100.0	95.6	95.8	96.3
Revenue passenger load factor - scheduled	57.2	(4)	33.3	51.4	37.8	72.4	69.2	66.2

(1) Includes miles flown on regular scheduled flights only.

(2) Includes trans-border services.

(3) Estimated.

(4) Not available.

GENERAL STATISTICS

CANADIAN CARRIERS

Preliminary Annual - 1956

TABLE 5 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total 1956	Total 1955
Miles scheduled	Not applicable				
Miles flown:					
Revenue:					
Unit toll transportation	1,432,062	291,499	1,121	1,724,682	2,341,430
Bulk transportation	22,952,483	2,666,429	1,497,226	27,116,138	23,541,826
Total revenue	24,384,545	2,957,928	1,498,347	28,840,820	25,883,256
Non-revenue	(2)	(2)	(2)	(2)	(2)
Total miles flown					
Hours flown:					
Revenue:					
Unit toll transportation	11,943	3,140	23	15,106	19,468
Bulk transportation	200,573	26,435	14,032	241,040	200,125
Other flying services	58,558	9,127	15,149	82,834	74,487
Total revenue	271,074	38,702	29,204	338,980	294,080
Non-revenue	11,950	2,358	1,957	16,265	15,954
Total hours flown	283,024	41,060	31,161	355,245	310,034
Fuel consumed:					
Gasoline	10,312,981	566,163	263,943	11,143,087	10,725,816
Cost	4,635,463	251,807	123,871	5,011,141	4,842,834
Oil	146,649	9,108	4,384	160,141	184,641
Cost	180,553	11,143	7,549	199,245	230,159
Average number of employees	1,790	158	76	2,024	2,154
Salaries and wages	8,870,995	691,715	282,417	9,845,127	8,806,057
Average number of aircraft:					
Owned	359	89	76	524	515
Leased	31	7	7	45	63
Total	390	96	83	569	578
Ratio of miles flown to miles scheduled (1)	Not applicable				
Revenue passenger load factor - scheduled	Not applicable				

(1) Includes miles flown on regular scheduled flights only.

(2) Not available.

TABLE 6 ATLANTIC AND PACIFIC SERVICES

T.C.A. services	C.P.A. services	Total 1956	Total 1955
4,369,363	5,153,950	9,523,313	6,763,222
4,448,756	5,102,387	9,551,143	6,667,469
36,738	115,698	152,436	380,199
4,485,494	5,218,085	9,703,579	7,047,668
150,433	208,977	359,410	248,281
4,635,927	5,427,062	10,062,989	7,295,949
17,784	19,331	37,115	25,724
138	453	591	1,478
17,922	19,784	37,706	27,202
599	788	1,387	984
18,521	20,572	39,093	28,186
6,907,552	7,120,045	14,027,597	10,326,784
2,049,257	2,282,750	4,332,007	3,167,612
124,021	65,958	189,979	156,376
93,719	69,904	163,623	135,999
639	579	1,218	1,031
2,703,393	2,873,209	5,576,602	4,521,909
7	6	13	10
-	-	-	-
7	6	13	10
99.0	97.9	98.4	97.0
72.5	49.1	59.5	57.4

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 7

Preliminary Annual - 1956

	Canadian Pacific Air Lines	Trans Air Ltd.	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total 1956	Total 1955
Passengers carried:								
Revenue:								
Scheduled:								
Originated	192,511	2,084	29,885	76,512	126,501	1,338,939	1,766,432	1,527,019
Domestic interline	15,815	-	3,030	-	-	-	(3) 18,845	(4) 41,282
Foreign interline	4,885	-	-	-	-	160,823	(4) 165,708	100,135
Division interline	-	-	-	-	-	51,807	51,807	40,033
Non-scheduled	2,609	6,048	2,243	58,303	-	-	69,203	28,480
Total unit toll transportation	215,820	8,132	35,158	134,815	126,501	1,551,569	2,071,995	1,736,949
Bulk transportation	17,592	7,738	45,095	41,034	7,215	5,421	124,095	58,025
Total revenue passengers carried	233,412	15,870	80,253	175,849	133,716	1,556,990	2,196,090	1,794,974
Passenger Miles - Unit toll transportation								
Revenue	94,235,283	1,114,320	6,003,441	16,581,116	10,807,032	812,332,988	941,074,180	785,468,412
Non-revenue	2,383,856	11,623	153,643	356,284	134,750	38,609,074	41,649,230	40,658,948
Total passenger miles	96,619,139	1,125,943	6,157,084	16,937,400	10,941,782	850,942,062	982,723,410	826,127,360
Freight carried (lbs.):								
Revenue:								
Scheduled:								
Originated	6,819,511	30,937	-	351,919	-	11,457,816	18,660,183	-
Domestic interline	1,307	-	-	-	(1)	-	1,307	-
Foreign interline	28,566	-	-	-	-	-	28,566	-
Division interline	619	-	-	-	-	2,657,809	2,658,428	-
Non-scheduled	12,178	935,912	-	410,928	-	-	1,359,018	-
Total unit toll transportation	6,862,181	966,849	-	762,847	-	14,115,625	22,707,502	-
Bulk transportation	23,495,305	16,620,137	30,615,258	17,793,094	4,983,407	195,328	93,702,529	(5)
Total revenue	30,357,486	17,586,986	30,615,258	18,555,941	4,983,407	14,310,953	116,410,031	-
Non-revenue	893,501	188,248	895,428	223,083	-	3,101,180	5,301,440	-
Total freight carried	31,250,987	17,775,234	31,510,686	18,779,024	4,983,407	17,412,133	121,711,471	-
Freight ton miles - Unit toll transportation								
Revenue	1,652,596	57,844	-	68,842	-	7,032,085	8,811,367	(5)
Non-revenue	347,280	8,107	-	5,561	(2)	1,653,590	2,014,538	-
Total freight ton miles	1,999,876	65,951	-	74,403	-	8,685,675	10,825,905	-

(1) Included with express

(2) Included with express ton miles

(3) Excludes T.C.A. domestic interline passengers

(4) Includes T.C.A. domestic interline passengers

(5) Comparison not available since freight, express and excess baggage were not separated in 1955

TRANSPORTATION STATISTICS

CANADIAN CARRIERS

Preliminary Annual, 1956

TABLE 8 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total 1956	Total 1955
Passengers carried: Revenue: Scheduled:					
Originated					
Domestic interline	(1)	(1)	(1)	(1)	(1)
Foreign interline					
Division interline	25,521	17,979	16	43,516	60,293
Non-scheduled	25,521	17,979	16	43,516	60,293
Total unit toll transportation	317,365	48,160	28,711	394,236	344,222
Bulk transportation					
Total revenue passengers carried	342,886	66,139	28,727	437,752	404,515
Passenger Miles - Unit toll transportation					
Revenue	3,583,880	1,170,904	1,485	4,756,269	9,328,647
Non-revenue	113,665	904	280	114,849	59,587
Total passenger miles	3,696,545	1,171,808	2,765	4,871,118	9,388,234
Freight carried (lbs.): Revenue: Scheduled:					
Originated					
Domestic interline	(1)	(1)	(1)	(1)	(1)
Foreign interline					
Division interline	9,191,963	122,168	-	9,314,131	-
Non-scheduled	9,191,963	122,168	-	9,314,131	-
Total unit toll transportation	143,462,493	6,003,511	2,463,274	151,929,278	(2)
Bulk transportation	152,654,456	6,125,679	2,463,274	161,243,409	(2)
Total revenue	1,052,263	-	11,790	1,064,053	
Non-revenue	153,706,719	6,125,679	2,475,064	162,307,462	
Total freight carried					
Freight ton miles - Unit toll transportation					
Revenue	210,023	3,620	-	213,643	(2)
Non-revenue	23,834	-	-	23,834	(2)
Total freight ton miles	233,857	3,620	-	237,477	(2)

(1) Not available

(2) Comparison not available since freight express and excess baggage were not separated in 1955

TABLE 9 ATLANTIC AND PACIFIC SERVICES

T.C.A. services	C.P.A. services	Total 1956	Total 1955
86,230	30,112	116,342	79,890
-	1,813	1,813	1,323
-	6,406	6,406	2,862
124	-	124	116
86,354	38,331	124,685	84,191
696	975	1,671	3,305
87,050	39,306	126,356	87,496
186,436,076	158,409,928	344,846,004	236,283,174
10,475,209	4,080,326	14,555,535	12,262,007
196,911,285	162,490,254	359,401,539	248,545,181
2,287,202	287,527	2,574,729	(2)
-	91,905	91,905	
-	241,839	241,839	
4,020	537	4,557	
2,291,222	621,808	2,913,030	
-	36,937	36,937	
2,291,222	658,745	2,949,967	
339,388	151,492	490,880	
2,630,610	810,237	3,440,847	
3,323,516	2,457,313	5,780,829	(2)
437,100	371,561	808,661	(2)
3,760,616	2,828,874	6,589,490	(2)

TRANSPORTATION STATISTICS

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual - 1956

TABLE 10

	Canadian Pacific Air Lines	Trans Air Ltd.	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total 1956	Total 1955
Express carried (lbs.):								
Revenue:								
Scheduled:								
Originated	1,678,313	-	690,804	-	3,670,187	4,766,117	10,805,421	
Domestic interline	-	-	77,896	-	-	-	77,896	
Foreign interline	-	-	-	-	-	-	-	(2)
Division interline	-	-	-	-	-	382,426	382,426	
Non-scheduled	5,145	-	56,246	365	-	-	61,756	
Total unit toll transportation	1,683,458	-	824,946	365	3,670,187	5,148,543	11,327,499	
Express ton miles - Unit toll transportation	451,085	-	198,140	29	294,197	2,170,634	3,114,085	(2)
Excess baggage carried (lbs.):								
Revenue:								
Scheduled:								
Originated	648,842	5,989	62,248	113,690	558,960	1,681,639	3,071,368	
Domestic interline	23,937	-	-	-	-	8,069	32,006	
Foreign interline	7,629	-	-	-	-	50,784	58,413	
Division interline	-	-	-	-	-	139,803	139,803	(2)
Non-scheduled	5,836	29,034	29,564	64,197	-	-	128,631	
Total unit toll transportation	686,244	35,023	91,812	177,887	558,960	1,880,295	3,430,221	
Excess baggage ton miles-Unit toll transportation	186,392	617	15,042	17,492	42,503	454,114	716,160	(2)
Mail carried (lbs.) - Unit toll transportation	2,732,084	210,805	830,414	149,717	853,421	17,254,838	22,131,279	21,641,124
Mail ton miles - Unit toll transportation	685,030	21,833	77,113	13,790	32,201	7,031,305	7,861,272	7,210,005
Available seat miles - Scheduled	158,219,436	(1)	14,605,945	18,058,685	28,592,152	1,121,267,130	1,340,743,348	1,173,818,547
Available ton miles - Scheduled	18,706,389	(1)	1,521,749	1,770,660	3,183,343	165,237,430	190,419,571	166,667,711

(1) Not available

(2) Comparison not available since freight express and excess baggage were not separated in 1955

TRANSPORTATION STATISTICS

CANADIAN CARRIERS

Preliminary Annual, 1956

TABLE 11

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total 1956	Total 1955
Express carried (lbs.):					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	1,061,252	51,430	-	1,112,682	(2)
Total unit toll transportation	1,061,252	51,430	-	1,112,682	
Express ton miles - Unit toll transportation	235,378	3,356	-	238,734	(2)
Excess baggage carried (lbs.):					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	29,696	53,563	-	83,259	(2)
Total unit toll transportation	29,696	53,563	-	83,259	
Excess baggage ton miles - Unit toll transportation	4,752	3,326	-	8,078	(2)
Mail carried (lbs.)-Unit toll transportation	1,160,515	122,194	-	1,282,709	1,027,636
Mail ton miles - Unit toll transportation	82,993	6,070	-	89,063	83,246
Available seat miles - Scheduled					
Available ton miles - Scheduled			Not Applicable		

(1) Not available

(2) Comparison not available since freight express and excess baggage were not separated in 1955

TABLE 12 ATLANTIC AND PACIFIC SERVICES

T.C.A. services	C.P.A. services	Total 1956	Total 1955
-	-	-	(2)
-	-	-	
-	-	-	
-	-	-	
-	-	-	
193,229	56,612	249,841	
-	2,403	2,403	
-	10,389	10,389	(2)
175	-	175	
193,404	69,404	262,808	
184,335	124,271	308,606	(2)
842,756	131,794	974,550	852,478
1,362,303	361,958	1,724,261	1,503,005
256,989,847	322,949,787	579,939,634	408,827,647
36,497,514	32,725,055	69,222,569	50,863,630

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual - 1956

TABLE 13

	Canadian Pacific Air Lines(1)	Trans Air Ltd.	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Trans- Canada Air Lines(2)	Total 1956	Total 1955
	\$	\$	\$	\$	\$	\$	\$	\$
Operating revenues:								
Unit toll transportation:								
Passengers	17,088,413	174,938	584,847	1,883,175	1,230,648	74,478,516	95,440,537	76,458,489
Mail	1,876,661	58,776	202,219	62,247	63,711	8,869,934	11,133,548	10,588,778
Freight	1,766,057	88,586	-	103,882	-	3,939,375	5,897,900	(3) 7,608,531
Express	419,069	-	122,363	-	299,910	2,071,022	2,912,364	
Excess baggage	279,051	3,885	12,172	32,085	49,736	758,998	1,135,927	846,281
Total unit toll transportation	21,429,251	326,185	921,601	2,081,389	1,644,005	90,117,845	116,520,276	95,502,079
Bulk transportation	6,378,842	2,685,534	8,563,933	7,821,163	1,050,028	250,597	26,750,097	16,914,342
Other flying services	-	-	70,110	293,402	-	2,414	365,926	50,500
Total flying services	27,808,093	3,011,719	9,555,644	10,195,954	2,694,033	90,370,856	143,636,299	112,466,921
Non-flying services	215,853	103,150	485,509	10,845	1,636	935,190	1,752,183	2,174,829
Total operating revenues	28,023,946	3,114,869	10,041,153	10,206,799	2,695,669	91,306,046	145,388,482	114,641,750
Operating expenses:								
Aircraft operation and maintenance	17,955,886	2,458,791	6,521,738	7,349,548	1,594,471	45,984,706	81,865,140	61,834,780
Ground operation and maintenance	4,624,666	386,708	837,685	1,323,914	564,690	26,636,546	34,374,209	29,228,710
Traffic	2,867,301	31,547	102,683	469,065	157,289	12,007,441	15,635,326	13,194,618
General administration	1,611,902	230,790	478,330	526,192	281,357	4,041,857	7,170,428	6,140,608
General taxes	112,398	8,472	15,052	16,487	9,168	526,565	688,142	564,346
Total operating expenses	27,172,153	3,116,308	7,955,488	9,685,206	2,606,975	89,197,115	139,733,245	110,963,062
Operating income (or loss)	851,793	1,439	2,085,665	521,593	88,694	2,108,931	5,655,237	3,678,688
Add non-operating income	339,579	275,292	519	85,414	-	645,772	1,346,576	859,379
Gross income	1,191,372	273,853	2,086,184	607,007	88,694	2,754,703	7,001,813	4,538,067
Deduct interest and other income charges	184,139	-	97,344	416,994	-	1,198,491	1,896,968	1,293,692
Net income before income taxes	1,007,233	273,853	1,988,840	190,013	88,694	1,556,212	5,104,845	3,244,375
Deduct provision for income taxes	482,389	-	931,023	136,841	-	-	1,550,253	1,002,414
Net income (or deficit) after income taxes	524,844	273,853	1,057,817	53,172	88,694	1,556,212	3,554,592	2,241,961
Operating ratio	97.0	100.0	79.2	94.9	96.7	97.7	96.1	96.8

(1) C.P.A. consolidated financial statement includes: Domestic and Pacific services.

(2) T.C.A. consolidated financial statement includes: Domestic, trans-border and Atlantic services.

(3) Includes express revenue

REVENUES AND EXPENSES

CANADIAN CARRIERS

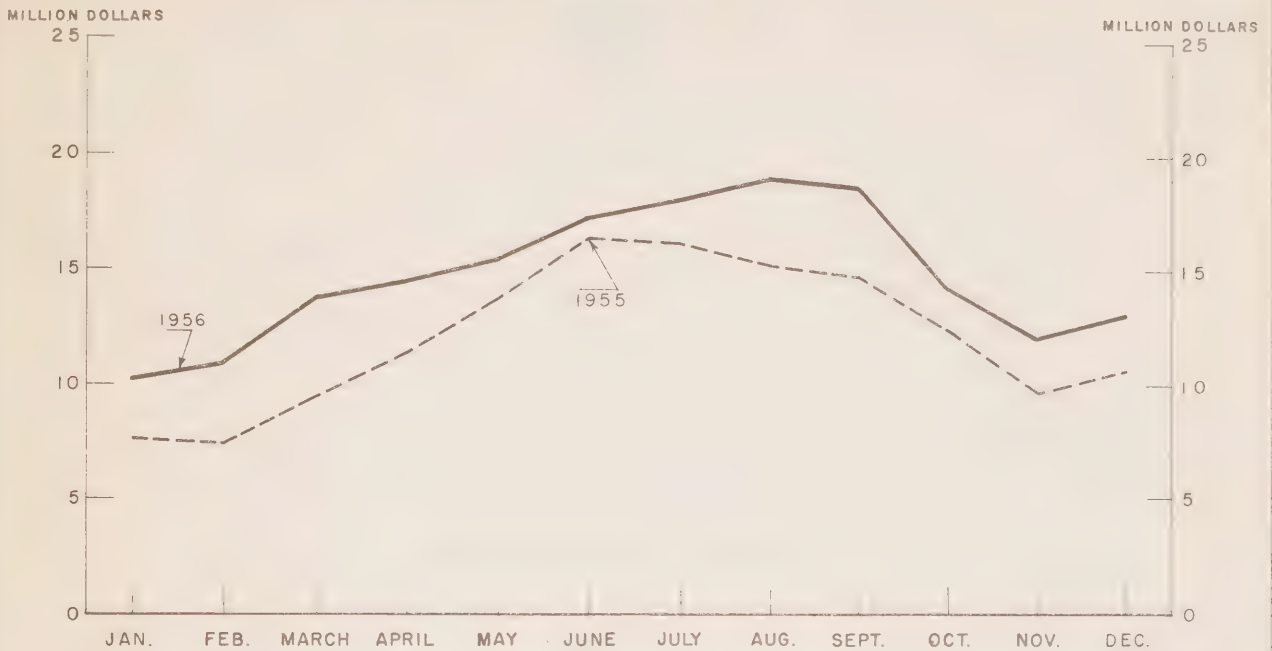
Preliminary Annual - 1956

TABLE 14
NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Total 1956	Total 1955
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	540,940	260,468	801,408	1,116,070
Mail	376,224	24,226	400,450	311,622
Freight	274,753	9,071	283,824	341,917
Express	95,841	12,365	108,206	-
Excess baggage	13,226	7,291	20,517	17,213
Total unit toll transportation	1,300,984	313,421	1,614,405	1,786,822
Bulk transportation	24,334,667	1,372,470	25,707,137	25,370,357
Other flying services	5,693,791	500,354	6,194,145	6,351,514
Total flying services	31,329,442	2,186,245	33,515,687	33,508,693
Non-flying services	1,415,539	211,667	1,627,206	1,904,298
Total operating revenues	32,744,981	2,397,912	35,142,893	35,412,991
Operating expenses:				
Aircraft operation and maintenance	22,880,158	1,398,502	24,278,660	26,628,285
Ground operation and maintenance	3,847,296	437,649	4,284,945	3,396,567
Traffic	411,759	31,595	443,354	683,169
General administration	2,480,245	255,694	2,735,939	2,355,275
General taxes	56,391	20,177	76,568	50,815
Total operating expenses	29,675,849	2,143,617	31,819,466	33,114,111
Operating income (or loss)	3,069,132	254,295	3,323,427	2,298,880
Add non-operating income	177,790	2,860	180,650	397,023
Gross income	3,246,922	257,155	3,504,077	2,695,903
Deduct interest and other income charges	318,980	14,499	333,479	226,576
Net income before income taxes	2,927,942	242,656	3,170,598	2,469,327
Deduct provision for income taxes	432,977	71	433,048	677,960
Net income (or deficit) after income taxes	2,494,965	242,585	2,737,550	1,791,367
Operating ratio	90.6	89.4	90.5	93.5

(1) Includes express revenue

OPERATING REVENUE OF CANADIAN CARRIERS 1955-1956



REVENUE CARGO CARRIED BY CANADIAN CARRIERS 1955-1956



51-201



CIVIL AVIATION
PRELIMINARY ANNUAL
1957



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation and Public Utilities Section

8504-537-127

Price 25 cents

CIVIL AVIATION

PRELIMINARY REPORT

1957

This report presents a summary of monthly statements supplied by Canadian air carriers and by foreign air carriers engaged in international service to and from Canadian airports. A more comprehensive annual report based on audited yearly statements will appear later under the title "Civil Aviation, 1957". Figures shown in this report are subject to revision.

Operating revenues of Canadian air carriers rose 3.6 p.c. in 1957 to \$188,694,764 from \$182,168,850 in the previous year, but as operating expenses went up 7.2 p.c. to \$187,117,997 from \$174,581,980 the resulting surplus for the year at \$1,576,767 was considerably below the record of \$7,586,870 achieved in 1956. Scheduled air carriers with combined operating revenues of \$151,216,335 and expenses of \$151,603,626 recorded an operating deficit of \$387,291 in 1957 while non-scheduled carriers with revenues of \$37,478,429 and expenses of \$35,514,371 aggregated a surplus of \$1,964,058.

In contrast with the year 1956 when all revenue accounts recorded substantial gains over the previous year, sizeable increases in revenue from unit toll services were offset in 1957 by a sharp decline in revenue from passengers and cargo carried in chartered service. Revenue from unit toll passenger fares amounted to \$112,275,330, an increase of 16.7 p.c. over the 1956 total of \$96,180,546. Increased revenues were also reported for mail, up 9.8 p.c. to \$12,662,068, freight carried in unit toll service up 18.2 p.c. to \$7,229,996, and excess baggage, up 24.4 p.c. to \$1,431,380. Express receipts were slightly lower at \$2,938,088 compared with \$3,030,048. The major drop occurred in bulk transportation revenue down 22.9 p.c. to \$41,192,863.

All individual expense accounts showed increases over the previous year. Aircraft operation and maintenance costs totalled \$114,018,621 as compared with \$108,268,728 in 1956 while ground operation and maintenance charges amounted to \$40,491,172 as against \$39,014,039. Traffic expenses were up 21.6 p.c. to \$19,644,858 and general administration costs 16.6 p.c. to \$12,101,005. General taxes were also higher at \$862,341 as against \$772,015.

Canadian air carriers transported a total of 3,719,886 revenue passengers during the year, an increase of 399,181 or 12.0 p.c. over the 3,320,705 carried last year. Unit toll passengers increased to 3,217,266 from 2,796,841 while bulk or chartered service passengers decreased to 502,620 from 523,864. Revenue unit toll passenger mileage rose 17.4 p.c. to 1,737,582,244 from 1,480,639,773, the increase reflecting a slightly longer average trip in addition to the increased passenger volume.

Revenue cargo, including airmail, dropped 15.1 p.c. to 285,011,726 lb. from 335,573,414 lb. in 1956. Revenue freight fell sharply to 237,993,490 lb. from 290,667,536 lb. and express to 12,121,369 lb. from 14,594,643 lb. On the other hand excess baggage carried rose to 5,943,649 lb. from 4,740,956 lb. and airmail to 28,953,218 lb. from 25,570,279 lb.

During the year Canadian air carriers flew a total of 100,780,186 miles. Revenue unit toll mileage aggregated 64,472,262 miles as compared with 56,067,785 in 1956 but bulk or charter service mileage dropped to 36,307,924 miles from 42,369,709.

Statistics received from foreign air carriers operating into and out of Canada show that 593,317 passengers, 9,399,322 lb. of freight and 2,149,829 lb. of mail were carried in 1957. Comparative figures for 1956 are 544,113 passengers, 9,942,801 lb. of freight and 2,344,009 lb. of mail.

GENERAL STATISTICS

PRELIMINARY ANNUAL, 1957

TABLE 1

	Canadian carriers					Foreign carriers		Grand total all services	Grand total 1956
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services		
	Scheduled	Non-scheduled							
Miles flown:									
Revenue:									
Unit toll transportation	41,729,039	2,959,770	7,357,017	12,396,436	64,442,262	1,876,264	1,577,061	67,925,587	59,310,832
Bulk transportation	9,369,036	26,749,021	3,569	186,298	36,307,924	2,520	27,626	36,338,070	42,412,878
Total revenue miles flown	51,098,075	29,708,791	7,390,586	12,582,734	100,780,186	1,878,784	1,604,687	104,263,657	101,723,710
Hours flown:									
Revenue:									
Unit toll transportation	213,624	20,555	31,990	47,915	314,084	9,466	6,176	329,726	303,407
Bulk transportation	65,874	226,618	16	760	293,268	10	117	293,395	343,495
Other flying services	8,734	103,549	-	-	112,283	-	-	112,283	87,920
Total revenue	288,232	350,722	32,006	48,675	719,635	9,476	6,293	735,404	734,822
Non-revenue	18,648	19,080	279	2,062	40,069	109	10	40,188	37,567
Total hours flown	306,880	369,802	32,285	50,737	759,704	9,585	6,303	775,592	772,389
Fuel consumed:									
Turbo fuel	27,682,221	-	(2)	1,369	27,683,221	(3)	(3)	27,683,221	(4)
Cost	4,622,577	-	(2)	223	4,622,800	-	-	4,622,800	(4)
Gasoline	35,881,670	12,726,446	(2)	18,219,926	66,828,042	(3)9,509,911	(3)8,679,213	85,017,166	102,836,140
Cost	13,496,468	5,364,194	(2)	5,815,644	24,676,306	3,092,038	2,666,860	30,435,204	33,321,107
Oil consumed:									
Turbo aircraft	8,124	-	(2)	-	8,214	(3)	(3)	8,214	(5)
Cost	123,306	-	(2)	-	123,306	-	-	123,306	(5)
Other aircraft	545,062	185,706	(2)	260,130	990,898	(3) 115,403	(3) 104,279	1,210,580	1,212,361
Quantity	462,454	229,287	(2)	216,230	907,971	90,520	81,933	1,080,424	1,215,979
Cost	11,794	2,474	(2)	1,536	15,604	291	377	16,272	15,411
Average number of employees									
Salaries and wages	54,789,440	11,832,443	(2)	7,327,400	73,949,283	1,437,409	1,611,830	76,998,522	67,708,117
Average number of aircraft:									
Owned	225	533	(2)	17	775	Not applicable	Not applicable	775	762
Leased	21	46	(2)	-	67	Not applicable	Not applicable	67	63
Total	246	579	(2)	17	842	Not applicable	Not applicable	842	825
Ratio of miles flown to miles scheduled (1)	97.2	Not applicable	96.9	99.2	97.6	96.1	97.8	97.6	96.3
Revenue passenger load factor - scheduled	67.1	applicable	75.6	59.6	63.6	33.6	52.6	62.0	63.1

(1) Includes miles flown on regular scheduled flights only.

(2) Included in scheduled domestic services.

(3) Gasoline and oil taken on in Canada.

(4) Included in gasoline.

(5) Included in oil consumed - other aircraft.

TRANSPORTATION STATISTICS

PRELIMINARY ANNUAL - 1957

TABLE 2

	Canadian carriers							Foreign carriers		Grand total all services	Grand total 1956
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services				
	Scheduled	Non-scheduled									
Passengers carried:											
Revenue:			(1)								
Unit toll transportation	2,324,782	69,124	665,041	158,319	3,217,266	514,281	75,938	3,807,485	3,337,648		
Bulk transportation	94,063	405,801	285	2,471	502,620	435	2,663	505,718	527,170		
Total revenue passengers carried	2,418,845	474,925	665,326	160,790	3,719,886	514,716	78,601	4,313,203	3,864,818		
Passenger miles - Unit toll transportation:											
Revenue	1,064,051,291	9,140,612	225,937,890	438,452,451	1,737,582,244	29,748,486	67,853,140	1,835,183,870	1,547,279,882		
Non-revenue	45,319,353	483,597	3,013,159	20,281,685	69,097,794	746,578	1,186,225	71,030,597	61,416,920		
Total passenger miles	1,109,370,644	9,624,209	228,951,049	458,734,136	1,806,680,038	30,495,064	69,039,365	1,906,214,467	1,608,696,802		
Freight carried (lbs.):			(2)								
Revenue:											
Unit toll transportation	28,492,469	3,074,662	8,977,813	3,082,969	43,627,913	6,855,781	1,807,274	52,290,968	53,015,774		
Bulk transportation	36,544,804	157,820,773	-	-	194,365,577	-	-	194,365,577	246,909,028		
Total revenue	65,037,273	160,895,435	8,977,813	3,082,969	237,993,490	6,855,781	1,807,274	246,656,545	299,924,802		
Non-revenue	4,350,595	1,275,065	122,476	589,041	6,337,177	391,816	344,451	7,073,444	7,639,517		
Total freight carried	69,387,868	162,170,500	9,100,289	3,672,010	244,330,667	7,247,597	2,151,725	253,729,989	307,564,319		
Freight ton miles - Unit toll transportation:											
Revenue	10,295,926	481,881	1,567,127	6,036,038	18,380,972	248,298	620,616	19,249,886	17,129,600		
Non-revenue	1,687,068	99,454	20,324	1,038,130	2,844,976	52,183	100,902	2,998,061	3,039,907		
Total freight ton miles	11,982,994	581,335	1,587,451	7,074,168	21,225,948	300,481	721,518	22,247,947	20,169,507		
Express carried (lbs.)-Unit toll transport.	9,677,030	747,230	1,697,109	-	12,121,369	(7)	(7)	12,121,369	14,594,643		
Express ton miles	3,208,247	168,908	294,136	-	3,671,291	(8)	(8)	3,671,291	3,730,652		
Excess baggage carried (lbs.)	4,287,556	178,139	1,146,210	331,744	5,943,649	(7)	(7)	5,943,649	4,740,956		
Excess baggage ton miles	898,190	32,007	202,193	395,555	1,527,945	(8)	(8)	1,527,945	1,205,034		
Mail carried (lbs.)-Unit toll transportation	24,474,267	1,640,032	1,864,369	974,550	28,953,218	1,458,313	691,516	31,103,047	27,914,282		
Mail ton miles-Unit toll transportation	8,696,303	108,363	342,293	1,724,261	10,871,220	52,432	555,988	11,479,640	10,238,458		

- (1) Includes 72,567 division interline passengers.
 (2) Includes 320,018 lb. division interline freight.
 (3) Includes 35,164 lb. division interline express.
 (4) Includes 147,719 lb. division interline excess baggage.

- (5) Includes express and excess baggage.
 (6) Includes express and excess baggage ton miles
 (7) Included in freight carried.
 (8) Included in freight ton miles.

REVENUES AND EXPENSES

PRELIMINARY ANNUAL - 1957

TABLE 3

	Canadian carriers			
	Scheduled (1)	Non-scheduled	Total 1957	Total 1956
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	110,963,235	1,312,095	112,275,330	96,180,546
Mail	12,192,480	469,588	12,662,068	11,532,851
Freight	6,855,528	374,438	7,229,966	6,115,640
Express	2,819,384	118,704	2,938,088	3,030,048
Excess baggage	1,380,970	50,410	1,431,380	1,150,999
Total unit toll transportation	134,211,597	2,325,235	136,536,832	118,010,084
Bulk transportation	14,417,263	26,775,600	41,192,863	53,435,589
Other flying services	80,431	6,259,801	6,340,232	7,124,088
Total flying services	148,709,291	35,360,636	184,069,927	178,569,761
Non-flying services	2,507,044	2,117,793	4,624,837	3,599,089
Total operating revenues	151,216,335	37,478,429	188,694,764	182,168,850
Operating expenses:				
Aircraft operation and maintenance	87,451,568	26,567,053	114,018,621	108,268,728
Ground operation and maintenance	35,386,754	5,104,418	40,491,172	39,014,039
Traffic	18,960,574	684,284	19,644,858	16,149,865
General administration	9,049,794	3,051,211	12,101,005	10,377,333
General taxes	754,936	107,405	862,341	772,015
Total operating expenses	151,603,626	35,514,371	187,117,997	174,581,980
Operating income (or loss)	Dr. 387,291	1,964,058	1,576,767	7,586,870
Add non-operating income	1,328,715	381,122	1,709,837	1,590,358
Gross income	941,424	2,345,180	3,286,604	9,177,228
Deduct interest and other income charges	2,115,214	544,563	2,659,777	2,250,610
Net income before income taxes	Dr. 1,173,790	1,800,617	626,827	6,926,618
Deduct provision for income taxes	Cr. 293,423	280,442	12,981	2,227,032
Net income (or deficit) after income taxes	Dr. 880,367	1,520,175	639,808	4,699,586
Operating ratio	100.3	94.8	99.2	95.8

(1) Includes Canadian trans-border, Atlantic and Pacific services.

Note: Revenues and expenses for foreign carriers not available.

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1957

TABLE 4

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1956
Miles scheduled	4,897,992	725,910	(3) 658,883	(3) 1,284,901	158,178	31,218,844	38,904,708	35,860,769
Miles flown:								
Revenue:								
Unit toll transportation	5,662,490	802,460	1,882,110	1,284,901	889,813	31,207,265	41,729,039	38,065,711
Bulk transportation	648,352	3,262,917	3,827,463	44,204	1,507,817	78,283	9,369,036	14,623,282
Total revenue	6,310,842	4,065,377	5,709,573	1,329,105	2,397,630	31,285,548	51,098,075	52,688,993
Non-revenue	195,680	166,898	380,297	73,938	145,656	2,196,202	3,158,671	3,078,963
Total miles flown	6,506,522	4,232,275	6,089,870	1,403,043	2,543,286	33,481,750	54,256,746	55,767,956
Hours flown:								
Revenue:								
Unit toll transportation	35,739	5,425	14,892	8,889	6,790	141,889	213,624	205,613
Bulk transportation	4,331	17,439	30,184	302	13,255	363	65,874	96,894
Other flying services	-	460	8,264	-	-	10	8,734	4,815
Total revenue	40,070	23,324	53,340	9,191	20,045	142,262	288,232	307,322
Non-revenue	1,394	1,046	3,146	631	1,102	11,329	18,648	18,885
Total hours flown	41,464	24,370	56,486	9,822	21,147	153,591	306,880	326,207
Fuel consumed:								
Turbo fuel - Quantity	-	-	-	-	-	(2) 27,682,221	(2) 27,682,221	(2) (4)
Cost	-	-	-	-	-	(2) 4,622,577	(2) 4,622,577	(2) (4)
Gasoline - Quantity	4,879,197	3,507,700	2,358,035	760,755	1,202,122	(2) 23,173,861	(2) 35,881,670	(2) 58,059,860
Cost	2,279,255	1,207,153	1,030,670	304,303	569,261	(2) 8,105,826	(2) 13,496,468	(2) 18,158,863
Oil consumed:								
Turbo aircraft - Quantity	-	-	-	-	-	(2) 8,124	(2) 8,124	(2) (5)
Cost	-	-	-	-	-	(2) 123,306	(2) 123,306	(2) (5)
Other aircraft - Quantity	53,444	55,505	66,378	13,313	14,495	(2) 341,927	(2) 545,062	(2) 648,445
Cost	48,825	37,783	78,613	13,745	15,835	(2) 267,653	(2) 462,454	(2) 685,457
Average number of employees	1,460	403	600	257	259	(2) 8,815	(2) 11,794	(2) 10,980
Salaries and wages	6,546,995	2,251,097	3,014,478	84,668	1,264,300	(2) 41,627,902	(2) 54,789,440	(2) 49,586,545
Average number of aircraft:								
Owned	29	20	63	9	34	(2) 70	(2) 225	(2) 216
Leased	-	-	21	-	-	-	21	17
Total	29	20	84	9	34	(2) 70	(2) 246	(2) 233
Ratio of miles flown to miles scheduled (1)	98.3	80.9	100.0	100.0	96.2	97.3	97.2	95.8
Revenue passenger load factor - scheduled	56.3	33.2	53.7	45.7	(6)	69.6	67.1	69.2

(1) Includes miles flown on regular scheduled flights only.

(2) Includes trans-border services.

(3) Estimated.

(4) Included in gasoline.

(5) Included in oil consumed - other aircraft.

(6) Not available.

GENERAL STATISTICS

CANADIAN CARRIERS

PRELIMINARY ANNUAL - 1957

TABLE 5 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total 1956	Total
Miles scheduled					
Miles flown:					
Revenue:					
Unit toll transportation	2,211,354	748,416	-	2,959,770	1,729,656
Bulk transportation	21,994,101	3,800,675	954,245	26,749,021	27,593,279
Total revenue	24,205,455	4,549,091	954,245	29,708,791	29,322,935
Non-revenue	(2)	(2)	(2)	(2)	(2)
Total miles flown					
Hours flown:					
Revenue:					
Unit toll transportation	19,210	1,336	9	20,555	15,155
Bulk transportation	194,262	23,012	9,344	226,618	245,828
Other flying services	68,746	17,445	17,358	103,549	83,105
Total revenue	282,218	41,793	26,711	350,722	344,088
Non-revenue	14,193	2,668	2,219	19,080	16,804
Total hours flown	296,411	44,461	28,930	369,802	360,892
Fuel consumed: Turbo fuel	-	-	-	-	-
Cost	-	-	-	-	-
Gasoline	11,985,449	540,798	200,199	12,726,446	11,342,890
Cost	5,011,806	258,446	93,942	5,364,194	5,094,103
Oil consumed: Turbo aircraft-Quantity	-	-	-	-	-
Cost	-	-	-	-	-
Other aircraft-Quantity	169,121	12,976	3,609	185,706	164,250
Cost	210,351	13,872	5,064	229,287	204,108
Average number of employees	2,005	178	91	2,274	2,384
Salaries and wages	10,801,524	712,250	318,669	11,832,443	10,536,002
Average number of aircraft:					
Owned	348	92	75	515	533
Leased	26	7	10	43	46
Total	374	99	85	558	579
Ratio of miles flown to miles scheduled (1)					
Revenue passenger load factor - scheduled					
(1) Includes miles flown on regular scheduled flights only.					(2) Not available.

TABLE 6 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1956
5,439,133	6,872,472	12,311,605	9,523,313
5,530,828	6,865,608	12,396,436	9,551,143
33,318	152,980	186,298	152,436
5,564,146	7,018,588	12,582,734	9,703,579
168,196	401,543	569,739	359,410
5,732,342	7,420,131	13,152,473	10,062,989
21,636	26,279	47,915	37,115
124	636	760	591
21,760	26,915	48,675	37,706
670	1,392	2,062	1,387
22,430	28,307	50,737	39,093
1,369	-	1,369	-
223	-	223	-
8,656,375	9,563,551	18,219,926	14,027,597
2,574,828	3,240,816	5,815,644	4,332,007
-	-	-	-
-	-	-	-
153,440	106,690	260,130	189,979
119,962	96,268	216,230	163,623
690	846	1,536	1,378
3,227,310	4,100,090	7,327,400	5,575,753
8	9	17	13
-	-	-	-
8	9	17	13
99.1	99.3	99.2	98.4
70.2	51.0	59.6	59.5

TRANSPORTATION STATISTICS
CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1957

TABLE 7

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1956
Passengers carried:								
Revenue:								
Scheduled:								
Originated	191,773	32,820	62,726	149,454	6,446	1,457,643	1,900,862	1,766,432
Domestic interline	19,168	3,460	-	-	-	-	22,628	18,845
Foreign interline	5,801	-	-	-	-	257,624	263,425	165,708
Division interline	-	-	-	-	-	70,196	70,196	51,807
Non-scheduled	2,375	2,421	49,765	-	13,110	-	67,671	69,203
Total unit toll transportation	219,117	38,701	112,491	149,454	19,556	1,785,463	2,324,782	2,071,995
Bulk transportation	7,063	24,109	42,111	1,670	15,696	3,414	94,063	124,095
Total revenue passengers carried	226,180	62,810	154,602	151,124	35,252	1,788,877	2,418,845	2,196,090
Passenger Miles - Unit toll transportation								
Revenue	98,035,282	6,701,516	13,514,449	15,070,089	5,562,288	925,167,667	1,064,051,291	941,074,180
Non-revenue	2,637,072	255,831	315,235	157,132	181,464	41,772,619	45,319,353	41,649,230
Total passenger miles	100,672,354	6,957,347	13,829,684	15,227,221	5,743,752	966,940,286	1,109,370,644	982,723,410
Freight carried (lbs.):								
Revenue:								
Scheduled:								
Originated	7,872,305	-	298,930	2,134,844	36,711	13,426,921	23,769,711	18,660,183
Domestic interline	9,304	-	-	-	-	-	9,304	1,307
Foreign interline	12,899	-	-	-	-	-	12,899	28,566
Division interline	197	-	-	-	-	2,829,311	2,829,508	2,658,428
Non-scheduled	92,297	-	166,350	-	1,612,400	-	1,871,047	1,359,018
Total unit toll transportation	7,987,002	-	465,280	2,134,844	1,649,111	16,256,232	28,492,469	22,707,502
Bulk transportation	1,472,682	15,622,837	6,387,287	348,662	12,438,161	275,175	36,544,804	93,702,529
Total revenue	9,459,684	15,622,837	6,852,567	2,483,506	14,087,272	16,531,407	65,037,273	116,410,031
Non-revenue	564,503	567,074	45,390	-	244,876	2,928,752	4,350,595	5,301,440
Total freight carried	10,024,187	16,189,911	6,897,957	2,483,506	14,332,148	19,460,159	69,387,868	121,711,471
Freight ton miles - Unit toll transportation								
Revenue	1,903,378	-	53,971	139,831	215,352	7,983,394	10,295,926	8,811,367
Non-revenue	204,219	12,273	5,913	-	5,107	1,459,556	1,687,068	2,014,538
Total freight ton miles	2,107,597	12,273	59,884	139,831	220,459	9,442,950	11,982,994	10,825,905

TRANSPORTATION STATISTICS

CANADIAN CARRIERS

PRELIMINARY ANNUAL - 1957

TABLE 8

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1956
Passengers carried:					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	65,140	3,984	-	69,124	43,642
Total unit toll transportation	65,140	3,984	-	69,124	43,642
Bulk transportation	340,477	43,385	21,939	405,801	398,000
Total revenue passengers carried	405,617	47,369	21,939	474,925	441,642
Passenger Miles - Unit toll transportation					
Revenue	8,567,132	573,480	-	9,140,612	5,389,007
Non-revenue	483,597	-	-	483,597	114,879
Total passenger miles	9,050,729	573,480	-	9,624,209	5,503,886
Freight carried (lbs.):					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	3,074,662	-	-	3,074,662	9,315,391
Total unit toll transportation	3,074,662	-	-	3,074,662	9,315,391
Bulk transportation	152,141,936	4,314,333	1,364,504	157,820,773	153,146,237
Total revenue	155,216,598	4,314,333	1,364,504	160,895,435	162,461,628
Non-revenue	1,183,828	71,035	20,202	1,275,065	1,064,353
Total freight carried	156,400,426	4,385,368	1,384,706	162,170,500	163,525,981
Freight ton miles - Unit toll transportation					
Revenue	481,881	-	-	481,881	213,934
Non-revenue	99,454	-	-	99,454	23,834
Total freight ton miles	581,335	-	-	581,335	237,768

(1) Not Available.

TABLE 9

ATLANTIC AND PACIFIC SERVICES

	Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1956
	106,378	39,055	145,433	116,342
	-	2,589	2,589	1,813
	-	10,216	10,216	6,406
	81	-	81	124
	-	-	-	-
	106,459	51,860	158,319	124,685
	595	1,876	2,471	1,671
	107,054	53,736	160,790	126,356
	230,777,597	207,674,854	438,452,451	344,846,004
	12,381,001	7,900,684	20,281,685	14,555,535
	243,158,598	215,575,538	458,734,136	359,401,539
	2,303,198	399,204	2,702,402	2,574,729
	-	105,261	105,261	91,905
	-	270,830	270,830	241,839
	4,108	368	4,476	4,557
	-	-	-	-
	2,307,306	775,663	3,082,969	2,913,030
	2,307,306	775,663	3,082,969	36,937
	386,058	202,983	589,041	2,949,967
	2,693,364	978,646	3,672,010	490,880
	3,345,628	2,690,410	6,036,038	5,780,829
	518,374	519,756	1,038,130	808,661
	3,864,002	3,210,166	7,074,168	6,589,490

TRANSPORTATION STATISTICS

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1957

TABLE 10

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1956
Express carried (lbs.):								
Revenue:								
Scheduled:								
Originated	1,678,285	1,198,944	-	1,560,611	-	4,722,722	9,160,562	10,805,421
Domestic interline	-	104,063	-	-	-	-	104,063	77,896
Foreign interline	-	-	-	-	-	-	-	-
Division interline	-	-	-	-	-	317,315	317,315	382,426
Non-scheduled	5,933	89,157	-	-	-	-	95,090	61,756
Total unit toll transportation	1,684,218	1,392,164	-	1,560,611	-	5,040,037	9,677,030	11,327,499
Express ton miles - Unit toll transportation	451,732	367,924	-	107,837	-	2,280,754	3,208,247	3,114,085
Excess baggage carried (lbs.):								
Revenue:								
Scheduled:								
Originated	768,039	73,389	153,260	664,419	14,175	2,156,790	3,830,072	3,071,368
Domestic interline	25,147	-	-	-	-	13,037	38,184	32,006
Foreign interline	6,376	-	-	-	-	62,641	69,017	58,413
Division interline	-	-	-	-	-	183,574	183,574	139,803
Non-scheduled	9,574	27,825	62,292	-	67,018	-	166,709	128,631
Total unit toll transportation	809,136	101,214	215,552	664,419	81,193	2,416,042	4,287,556	3,430,221
Excess baggage ton miles-Unit toll transportation	230,595	17,009	23,738	61,171	13,965	551,712	898,190	716,160
Mail carried (lbs.) - Unit toll transportation	3,050,770	1,209,732	195,292	899,905	401,567	18,717,001	24,474,267	22,131,279
Mail ton miles - Unit toll transportation	759,045	106,335	24,178	40,051	37,289	7,729,405	8,696,303	7,861,272
Available seat miles - Scheduled	169,428,267	16,576,573	16,438,718	32,961,663	-	1,328,477,533	1,563,882,754	1,340,743,348
Available ton miles - Scheduled	20,127,501	2,123,355	1,834,358	3,457,007	-	189,787,967	217,330,188	190,419,571

TRANSPORTATION STATISTICS
CANADIAN CARRIERS
PRELIMINARY ANNUAL - 1957

TABLE 11 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1956
Express carried (lbs.): Revenue: Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	729,426	17,804	-	747,230	1,112,682
Total unit toll transportation	729,426	17,804	-	747,230	1,112,682
Express ton miles - Unit toll transportation	166,813	2,095	-	168,908	238,734
Excess baggage carried (lbs.): Revenue: Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	151,686	26,453	-	178,139	83,259
Total unit toll transportation	151,686	26,453	-	178,139	83,259
Excess baggage ton miles - Unit toll transportation	29,372	2,635	-	32,007	8,078
Mail carried (lbs.)-Unit toll transportation	1,629,441	10,591	-	1,640,032	1,282,709
Mail ton miles - Unit toll transportation	108,146	217	-	108,363	89,063
Available seat miles - Scheduled	Not applicable				
Available ton miles - Scheduled					

(1) Not Available.

TABLE 12 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Air Lines	Canadian Pacific Airlines	Total	Total 1956
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
226,483	82,697	309,180	249,841
-	2,413	2,413	2,403
-	19,583	19,583	10,389
568	-	568	175
-	-	-	-
227,051	104,693	331,744	262,808
206,767	188,788	395,555	308,606
1,113,591	171,416	1,285,007	974,550
1,783,747	516,523	2,300,270	1,724,261
328,715,439	407,198,383	735,913,822	579,939,634
45,727,870	42,655,715	88,383,585	69,222,569

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1957

TABLE 13

	Canadian Pacific Air Lines (1)	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines (2)	Total	Total 1956
	\$	\$	\$	\$	\$	\$	\$	\$
Operating revenues:								
Unit toll transportation:								
Passengers	19,978,037	643,549	1,629,806	1,649,298	538,564	86,523,981	110,963,235	95,446,542
Mail	2,028,061	245,618	91,694	64,324	100,198	9,662,585	12,192,480	11,133,840
Freight	2,021,616	-	87,254	148,974	265,448	4,332,236	6,855,528	5,896,925
Express	419,261	208,807	-	131,396	-	2,059,920	2,819,384	2,912,364
Excess baggage	357,488	13,948	31,090	69,055	15,421	893,968	1,380,970	1,138,220
Total unit toll transportation	24,804,463	1,111,922	1,839,844	2,063,047	919,631	103,472,690	134,211,597	116,527,891
Bulk transportation								
Other flying services	1,585,946	5,896,490	4,866,944	44,488	1,745,916	277,479	14,417,263	26,811,180
Total flying services	26,390,409	7,086,451	6,726,504	2,107,535	2,665,547	103,752,845	148,709,201	143,714,783
Non-flying services	256,212	672,628	102,237	3,377	108,853	1,363,737	2,507,044	1,897,030
Total operating revenues	26,646,621	7,739,079	6,828,741	2,110,912	2,774,400	105,116,582	151,216,335	145,611,813
Operating expenses:								
Aircraft operation and maintenance	18,708,033	5,047,257	4,513,443	1,250,535	2,152,433	55,779,867	87,451,568	82,078,226
Ground operation and maintenance	4,732,951	1,016,648	1,335,678	564,623	654,626	27,082,228	35,386,754	34,395,356
Traffic	3,908,881	122,138	323,329	220,525	77,543	14,308,158	18,960,574	15,637,247
General administration	1,908,317	423,944	563,663	217,377	191,045	5,745,448	9,049,794	7,200,914
General taxes	120,438	16,572	8,965	7,813	17,336	583,812	754,936	688,142
Total operating expenses	29,378,620	6,626,559	6,745,078	2,260,873	3,092,983	103,499,513	151,603,626	139,999,885
Operating income (or loss)	Dr. 2,731,999	1,112,520	83,663	Dr. 149,961	Dr. 318,583	1,617,069	Dr. 387,291	5,611,928
Add non-operating income	283,417	39,865	317,307	-	318,962	369,164	1,328,715	1,336,329
Gross income	Dr. 2,448,582	1,152,385	400,970	Dr. 149,961	379	1,986,233	941,424	6,948,257
Deduct interest and other income charges	29,170	106,880	249,877	-	147,728	1,581,559	2,115,214	1,871,028
Net income before income taxes	Dr. 2,477,752	1,045,505	151,093	Dr. 149,961	Dr. 147,349	404,674	Dr. 1,173,790	5,077,229
Deduct provision for income taxes	Cr. 820,000	526,577	-	-	-	-	Cr. 293,423	1,722,197
Net income (or deficit) after income taxes	Dr. 1,657,752	518,928	151,093	Dr. 149,961	Dr. 147,349	404,674	Dr. 880,367	3,355,032
Operating ratio	110.3	85.6	98.8	107.1	111.5	98.5	100.3	96.1

(1) C.P.A. consolidated financial statement includes: Domestic and International services.

(2) T.C.A. consolidated financial statement includes: Domestic, trans-border and Atlantic services.

REVENUES AND EXPENSES

CANADIAN CARRIERS

PRELIMINARY ANNUAL - 1957

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 14

	Class "B" carriers	Class "C" carriers	Total	Total 1956
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	1,213,290	98,805	1,312,095	734,004
Mail	465,678	3,910	469,588	399,011
Freight	374,058	380	374,438	218,715
Express	115,336	3,368	118,704	117,684
Excess baggage	44,700	5,710	50,410	12,779
Total unit toll transportation	2,213,062	112,173	2,325,235	1,482,193
Bulk transportation				
Other flying services	25,555,320	1,220,280	26,775,600	26,624,409
Total flying services	5,949,232	310,569	6,259,801	6,748,376
Non-flying services	33,717,614	1,643,022	35,360,636	34,854,978
	1,901,469	216,324	2,117,793	1,702,059
Total operating revenues	35,619,083	1,859,346	37,478,429	36,557,037
Operating expenses:				
Aircraft operation and maintenance	25,388,382	1,178,671	26,567,053	26,190,502
Ground operation and maintenance	4,724,400	380,018	5,104,418	4,618,683
Traffic	662,993	21,291	684,284	512,618
General administration	2,828,249	222,962	3,051,211	3,176,419
General taxes	109,503	2,098	107,405	83,873
Total operating expenses	33,713,527	1,800,844	35,514,371	34,582,095
Operating income (or loss)	1,905,556	58,502	1,964,058	1,974,942
Add non-operating income	379,664	1,458	381,122	254,029
Gross income	2,285,220	59,960	2,345,180	2,228,971
Deduct interest and other income charges	529,068	15,495	544,563	379,582
Net income before income taxes	1,756,152	44,465	1,800,617	1,849,389
Deduct provision for income taxes	279,512	930	280,442	504,835
Net income (or deficit) after income taxes	1,476,640	43,535	1,520,175	1,344,554
Operating ratio	94.7	96.9	94.8	94.6

OPERATING REVENUE OF CANADIAN CARRIERS 1956 - 1957



REVENUE CARGO CARRIED BY CANADIAN CARRIERS 1956 - 1957

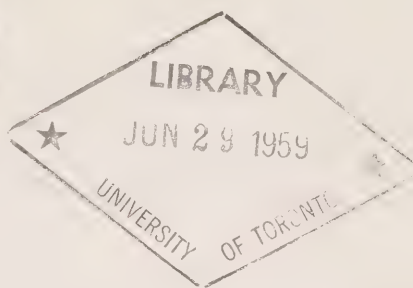


Canada Statistics Bureau 81
CATALOGUE No. 7h

51-201

ANNUAL

Gov. Doc
Can
S



CIVIL AVIATION
PRELIMINARY ANNUAL
1958

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation and Public Utilities Section

June, 1959
8504-537

Price: 50 cents

CIVIL AVIATION

PRELIMINARY REPORT

1958

This report presents a summary of monthly statements supplied by Canadian air carriers and by foreign air carriers engaged in international service to and from Canadian airports. A more comprehensive annual report based on audited yearly statements will appear later under the title "Civil Aviation 1958". Figures shown in this report are subject to revision.

Operating revenues of Canadian air carriers rose 5.3 p.c. in 1958 to \$200,146,709 from \$190,082,035 in 1957 and operating expenses increased by 5.2 p.c. to \$199,240,633 from \$189,452,759. The resulting operating surplus of \$906,076 compares with \$629,276 in 1957. Scheduled air carriers, with operating revenues of \$164,843,737 and expenses of \$164,986,462, reported an operating deficit of \$142,725, while non-scheduled carriers with revenues of \$35,302,972 and expenses of \$34,254,171 showed a surplus of \$1,048,801.

With the exception of revenue from passengers and cargo carried in chartered service, all revenue accounts registered substantial increases. Revenue from unit toll passenger fares rose 16.8 p.c. to \$131,212,217 from \$112,295,278, mail revenue rose 2.5 p.c. to \$12,979,179; revenue from freight carried in unit toll service was up 6.1 p.c. to \$7,770,701; express revenue rose 7.2 p.c. to \$3,141,824 and excess baggage increased 7.5 p.c. to \$1,536,401. Bulk transportation revenue dropped 25.8 p.c. to \$30,232,031 from \$40,753,733 in 1957.

All individual expense accounts showed increases over the previous year. Aircraft operation and maintenance costs totalled \$118,312,532 as compared with \$115,032,598 in 1957, while ground operation and maintenance charges advanced to \$43,401,858 from \$41,350,781. Traffic expenses rose to \$22,272,688 from \$19,714,092, general administration costs to \$14,372,589 from \$12,495,042 and general taxes to \$880,966 from \$860,246.

Canadian air carriers transported a total of 4,021,721 revenue passengers during the year, an increase of 295,118 or 7.9 p.c. over the 3,726,603 carried one year earlier. This year 3,599,175 passengers were transported in unit toll service as against 3,217,266 in 1957, while passengers carried in bulk or chartered service totalled 422,546 as compared with 509,337 in the previous year. Passenger miles flown in revenue unit toll service rose 17.1 p.c. to 2,036,147,130 from 1,737,582,244, the increase indicating a slightly longer average trip in addition to increased passenger volume.

Revenue cargo, including airmail, dropped 13.2 p.c. to 222,391,217 lb. from 256,149,122 lb. in 1957. Revenue freight fell sharply to 171,484,116 lb. from 238,084,104 lb. and excess baggage declined to 5,904,809 lb. from 5,943,649 lb. In contrast, express rose to 13,620,243 lb. from 12,121,369 lb. and airmail to 31,382,049 lb. from 29,263,675 lb.

During the year Canadian air carriers flew a total of 95,747,996 miles. Revenue unit toll mileage aggregated 69,429,851 miles as compared with 64,472,262 in 1957 but bulk or charter service mileage dropped to 26,318,145 miles from 36,743,407.

Statistics received from foreign air carriers operating into and out of Canada show that 532,314 passengers, 9,169,922 lb. of freight and 2,240,172 lb. of mail were carried in 1958. Comparable figures for 1957 are 593,317 passengers, 9,399,322 lb. of freight and 2,149,829 lb. of mail.

REVENUES AND EXPENSES
PRELIMINARY ANNUAL - 1958

TABLE 3

	Canadian carriers			
	Scheduled (1)	Non-scheduled	Total 1958	Total 1957
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	129,586,482	1,625,735	131,212,217	112,295,278
Mail	12,544,541	434,638	12,979,179	12,661,771
Freight	7,030,587	740,114	7,770,701	7,236,191
Express	3,067,306	74,518	3,141,824	2,929,672
Excess baggage	1,488,214	48,187	1,536,401	1,429,068
Total unit toll transportation	153,717,130	2,923,192	156,640,322	136,551,980
Bulk transportation	8,441,010	21,791,021	30,232,031	40,753,733
Other flying services	447,843	8,149,037	8,596,880	7,867,446
Total flying services	162,605,983	32,863,250	195,469,233	185,173,159
Non-flying services	2,237,754	2,439,722	4,677,476	4,908,876
Total operating revenues	164,843,737	35,302,972	200,146,709	190,082,035
Operating expenses:				
Aircraft operation and maintenance	94,436,835	23,875,697	118,312,532	115,032,598
Ground operation and maintenance	37,602,059	5,799,794	43,401,858	41,350,781
Traffic	21,376,157	896,531	22,272,688	19,714,092
General administration	10,780,550	3,592,039	14,372,589	12,495,042
General taxes	790,861	90,105	880,966	860,246
Total operating expenses	164,986,462	34,254,171	199,240,633	189,452,759
Operating income (or loss)	Dr. 142,725	1,048,801	906,076	629,276
Add non-operating income	977,981	326,703	1,304,684	1,623,419
Gross income	835,256	1,375,504	2,210,760	2,252,695
Deduct interest and other income charges	3,399,955	766,798	4,166,753	2,661,146
Net income before income taxes	Dr. 2,564,699	608,706	Dr. 1,955,993	Dr. 408,451
Deduct provision for income taxes	-	167,929	167,929	144,446
Net income (or deficit) after income taxes	Dr. 2,564,699	440,777	Dr. 2,123,922	Dr. 552,897
Operating ratio	100.1	97.0	99.5	99.7

(1) Includes Canadian trans-border, Atlantic and Pacific services.

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1958

TABLE 4

	Austin Airways	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1957
Miles scheduled									
Miles flown:									
Revenue:	65,360	3,706,562	593,660	847,662	1,267,955	393,042	33,562,299	40,436,540	38,944,708
Unit toll transportation	229,529	4,289,158	910,299	1,510,811	1,267,955	1,375,569	33,832,404	43,415,725	41,729,039
Bulk transportation	898,721	69,658	295,643	3,273,254	16,848	923,038	146,750	5,623,912	9,369,036
Total revenue	1,128,250	4,358,816	1,205,942	4,784,065	1,284,803	2,298,607	33,979,154	49,039,637	51,098,075
Non-revenue	63,602	88,671	46,588	306,096	65,928	94,776	1,753,882	2,419,543	3,158,671
Total miles flown	1,191,852	4,447,487	1,252,530	5,090,161	1,350,731	2,393,383	35,733,036	51,459,180	54,256,746
Hours flown:									
Revenue:									
Unit toll transportation	2,020	25,513	5,708	10,811	8,251	9,373	146,450	208,126	213,624
Bulk transportation	6,865	419	1,629	24,208	541	9,215	664	43,541	65,874
Other flying services	953	-	343	7,537	-	-	22	8,855	8,734
Total revenue	9,838	25,932	7,680	42,556	8,792	18,588	147,136	260,522	288,232
Non-revenue	769	957	264	2,835	430	758	8,225	14,238	18,648
Total hours flown	10,607	26,889	7,944	45,391	9,222	19,346	155,361	274,760	306,880
Fuel consumed:									
Turbo fuel - Quantity	-	-	-	-	131,678	-	(2) 41,718,776	(2) 41,850,454	(2) 27,682,221
Cost	-	-	-	-	30,286	-	(2) 6,423,294	(2) 6,453,580	(2) 4,622,577
Gasoline - Quantity	360,796	3,944,821	1,190,752	2,445,456	781,892	1,202,836	(2) 20,371,459	(2) 30,298,012	(2) 35,881,670
Cost	166,177	1,610,530	399,515	1,023,486	300,956	650,343	(2) 6,131,623	(2) 10,282,630	(2) 13,496,468
Oil consumed:									
Turbo aircraft - Quantity	-	-	-	-	56	-	(2) 13,174	(2) 13,230	(2) 8,124
Cost	-	-	-	-	924	-	(2) 203,007	(2) 203,931	(2) 123,306
Other aircraft - Quantity	5,497	48,500	19,198	52,338	11,191	14,694	(2) 290,289	(2) 441,707	(2) 545,062
Cost	7,657	44,648	17,040	66,572	11,191	14,694	(2) 247,986	(2) 409,788	(2) 462,454
Average number of employees	67	1,380	208	526	204	237	(2) 9,307	(2) 11,929	(2) 11,699
Salaries and wages	325,768	6,673,394	1,029,912	2,670,090	898,205	1,087,650	(2) 46,943,592	(2) 59,628,611	(2) 55,568,982
Average number of aircraft:									
Owned	19	23	16	59	9	33	(2) 80	(2) 239	(2) 225
Leased	1	-	-	15	-	-	-	16	21
Total	20	23	16	74	9	33	(2) 80	(2) 255	(2) 246
Ratio of miles flown to miles scheduled (1)	94.2	97.5	95.1	100.0	100.0	98.7	97.5	97.6	97.2
Revenue passenger load factor - scheduled	26.4	55.7	45.4	55.3	45.5	(4)	69.7	67.6	67.1

(1) Includes miles flown on regular scheduled flights only.

(2) Includes trans-border services.

(3) Estimated.

(4) Not available.

TABLE 6 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1957
6,936,980	7,425,089	14,362,069	12,311,605
7,191,572	7,608,633	14,800,205	12,396,436
50,208	184,743	234,951	186,298
7,241,780	7,793,376	15,035,156	12,582,734
208,704	584,882	793,586	569,739
7,450,484	8,378,258	15,828,742	13,152,473
28,276	28,526	56,802	47,915
193	749	942	760
28,469	29,275	57,744	48,675
875	2,085	2,960	2,062
29,344	31,360	60,704	50,737
2,972	2,840,951	2,843,923	1,369
396	516,980	517,376	223
12,005,719	9,229,028	21,234,747	18,219,976
3,198,107	2,846,390	6,044,497	5,815,644
-	906	906	-
-	13,497	13,497	-
183,544	112,639	296,183	260,130
140,323	102,409	242,732	216,230
740	944	1,684	1,536
3,904,399	4,937,949	8,842,348	7,327,400
9	15	24	17
-	-	-	-
9	15	24	17
99.2	99.3	99.3	99.2
66.1	54.8	60.2	59.6

TABLE 5 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "g" carriers	Class "c" carriers	Class "p" carriers	Total	Total 1957
Miles scheduled					
Miles flown:					
Revenue:					
Unit toll transportation	2,624,128	286,745	-	2,910,873	2,959,770
Bulk transportation	17,236,048	2,525,046	690,756	20,451,850	27,184,504
Total revenue	19,860,176	2,811,791	690,756	23,362,723	30,144,274
Non-revenue	(2)	(2)	(2)	(2)	(2)
Total miles flown					
Hours flown:					
Revenue:					
Unit toll transportation	21,138	2,117	-	23,255	20,546
Bulk transportation	155,206	23,434	6,744	185,384	232,291
Other flying services	75,373	29,435	21,110	125,918	104,537
Total revenue	251,717	54,986	27,854	334,557	357,374
Non-revenue	11,221	3,456	2,989	17,666	19,652
Total hours flown	262,938	58,442	30,843	352,223	377,026
Fuel consumed:					
Turbo fuel	-	-	-	-	-
Gasoline	9,030,245	598,796	186,081	9,815,122	12,796,731
Turbo aircraft-Quantity	4,073,071	363,403	90,505	4,526,979	5,416,725
Cost	-	-	-	-	-
Other aircraft-Quantity	130,822	10,271	3,336	144,429	187,682
Cost	160,139	15,321	5,174	180,634	231,503
Average number of employees					
Salaries and wages	1,890	232	74	2,196	2,779
	10,273,514	935,063	256,863	11,465,440	12,417,174
Average number of aircraft:					
Owned	465	139	86	690	522
Leased	40	17	9	66	45
Total	505	156	95	756	567
Ratio of miles flown to miles scheduled (1)					
Revenue passenger load factor - scheduled	Not applicable				

(1) Includes miles flown on regular scheduled flights only.

(2) Not available.

TRANSPORTATION STATISTICS

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1958

TABLE 7

	Austin Airways	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1957
Passengers carried:									
Revenue:									
Scheduled:									
Originated	1,532	162,543	32,035	76,197	138,434	20,634	1,716,726	2,148,101	1,900,862
Domestic interline	2,201	13,098	3,377	-	-	-	-	18,676	22,628
Foreign interline	-	4,366	-	-	-	-	284,703	289,069	263,425
Division interline	-	-	-	-	-	-	78,916	78,916	70,196
Non-scheduled	1,928	2,675	4,355	20,414	-	21,894	-	51,266	67,671
Total unit toll transportation	5,661	182,682	39,767	96,611	138,434	42,528	2,080,345	2,586,028	2,324,782
Bulk transportation	17,706	992	2,861	32,270	1,937	9,231	6,279	71,276	94,063
Total revenue passengers carried	23,367	183,674	42,628	128,881	140,371	51,759	2,086,624	2,657,304	2,418,845
Passenger Miles - Unit toll transportation									
Revenue	675,192	85,726,692	8,057,719	14,544,897	15,832,982	14,933,300	1,072,669,659	1,212,440,441	1,064,051,291
Non-revenue	10,912	1,873,506	281,413	411,274	297,342	624,422	45,859,862	49,358,731	45,319,353
Total passenger miles	686,104	87,600,198	8,339,132	14,956,171	16,130,324	15,557,722	1,118,529,521	1,261,799,172	1,109,370,644
Freight carried (lb.)									
Revenue:									
Scheduled:									
Originated	47,183	6,762,772	-	348,319	932,823	136,312	13,534,881	21,762,290	23,769,711
Domestic interline	19,289	4,755	-	-	-	-	-	24,044	9,304
Foreign interline	-	13,434	-	-	-	-	-	13,434	12,899
Division interline	-	571	-	-	-	-	2,516,117	2,516,688	2,829,508
Non-scheduled	407,287	395,031	-	155,625	-	2,241,881	-	3,199,824	1,871,046
Total unit toll transportation	473,759	7,176,563	-	503,944	932,823	2,378,193	16,050,998	27,516,280	28,492,469
Bulk transportation	5,869,966	271,950	1,301,790	9,564,173	-	7,924,087	352,421	25,284,387	36,544,804
Total revenue	6,343,725	7,448,513	1,301,790	10,068,117	932,823	10,302,280	16,403,419	52,800,667	65,037,773
Non-revenue	-	459,060	69,701	44,685	-	261,261	3,343,022	4,177,729	4,350,595
Total freight carried	6,343,725	7,907,573	1,371,491	10,112,802	932,823	10,563,541	19,746,441	56,978,396	69,387,868
Freight ton miles - Unit toll transportation									
Revenue	31,125	1,717,061	-	50,583	58,019	582,739	7,969,261	10,408,788	10,295,926
Non-revenue	-	191,737	15,629	5,605	-	65,198	1,644,987	1,923,156	1,687,068
Total freight ton miles	31,125	1,908,798	15,629	56,188	58,019	647,937	9,614,248	12,331,944	11,982,994

TRANSPORTATION STATISTICS

CANADIAN CARRIERS

PRELIMINARY ANNUAL - 1958

TABLE 3 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1957
Passengers carried:					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	58,596	5,917	-	64,873	69,124
Total unit toll transportation	58,956	5,917	-	64,873	69,124
Bulk transportation	292,528	43,998	11,588	348,114	412,518
Total revenue passengers carried	351,484	49,915	11,588	412,987	481,642
Passenger miles - Unit toll transportation					
Revenue	11,001,445	599,107	-	11,600,552	9,140,612
Non-revenue	590,472	5,446	-	595,918	483,597
Total passenger miles	11,591,917	604,553	-	12,196,470	9,624,209
Freight carried (lb.):					
Revenue:					
Scheduled:					
Originated	(1)	(1)	(1)	(1)	(1)
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	5,163,596	55,170	-	5,218,766	3,074,662
Total unit toll transportation	5,163,596	55,170	-	5,218,766	3,074,662
Bulk transportation	95,846,299	5,173,145	827,246	101,846,690	157,911,388
Total revenue	101,009,895	5,228,315	827,246	107,065,456	160,986,050
Non-revenue	771,964	113,181	23,975	909,120	1,280,860
Total freight carried	101,781,859	5,341,496	851,221	107,974,576	162,266,910
Freight ton miles - Unit toll transportation					
Revenue	1,399,776	2,440	-	1,402,216	488,881
Non-revenue	109,394	-	-	109,394	99,454
Total freight ton miles	1,509,170	2,440	-	1,511,610	588,335

(1) Not available.

TABLE 9 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1957
132,634	49,794	182,428	145,433
-	1,821	1,821	2,589
-	13,560	13,560	10,216
29	-	29	81
-	-	-	-
132,663	65,175	197,838	158,319
1,040	1,626	2,666	2,471
133,703	66,801	200,504	160,790
294,851,143	267,234,772	562,085,915	438,452,451
21,347,404	10,144,123	31,491,527	20,281,685
316,198,547	277,378,895	593,577,442	458,734,136
2,375,580	457,514	2,833,094	2,702,402
-	73,804	73,804	150,261
-	292,126	292,126	270,830
5,104	252	5,356	4,476
-	-	-	-
2,380,684	823,696	3,204,380	3,082,969
-	78,327	78,327	-
2,380,684	902,023	3,282,707	3,082,969
439,231	266,127	705,358	589,041
2,819,915	1,168,150	3,988,065	3,672,010
3,481,460	2,640,363	6,121,823	6,036,038
571,544	667,905	1,239,449	1,038,130
4,053,004	3,308,268	7,361,272	7,074,168

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES.

PRELIMINARY ANNUAL - 1958

TABLE 10

	Austin Airways	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1957
Express carried (lb.):									
Revenue:									
Scheduled:									
Originated	2,213	1,274,283	1,513,152	-	2,197,107	-	4,334,004	9,320,759	9,160,562
Domestic interline	7,677	-	61,291	-	-	-	-	68,968	104,063
Foreign interline	-	-	-	-	-	-	-	-	-
Division interline	-	-	-	-	-	-	383,726	383,726	317,315
Non-scheduled	-	13,771	1,213,146	-	-	-	-	1,226,917	95,090
Total unit toll transportation	9,890	1,288,054	2,787,589	-	2,197,107	-	4,717,730	11,000,370	9,677,030
Express ton miles - Unit toll transportation	376	365,061	820,847	-	147,407	-	2,093,859	3,427,550	3,208,247
Excess baggage carried (lb.):									
Revenue:									
Scheduled:									
Originated	3,191	572,415	84,763	154,954	450,855	58,673	2,292,209	3,617,060	3,830,072
Domestic interline	1,709	24,687	-	-	-	-	19,927	46,323	38,184
Foreign interline	-	9,914	-	-	-	-	36,594	45,908	69,017
Division interline	-	-	-	-	-	-	188,929	188,929	183,574
Non-scheduled	-	24,388	44,711	36,083	-	98,064	-	203,246	166,709
Total unit toll transportation	4,900	630,804	129,474	191,037	450,855	156,737	2,537,659	4,101,466	4,287,566
Excess baggage ton miles-Unit toll transportation	179	188,107	23,440	18,494	44,933	34,589	529,462	839,204	898,190
Mail carried (lb.) - Unit toll transportation	87,281	2,972,350	1,086,853	251,472	1,123,941	549,793	20,273,265	26,344,955	24,474,267
Mail ton miles - Unit toll transportation	10,576	721,123	113,812	22,883	60,109	64,592	8,067,527	9,060,622	8,696,303
Available seat miles - Scheduled	1,389,176	150,340,344	13,965,565	22,650,368	34,802,175	(1)	1,538,745,143	1,761,892,771	1,563,882,754
Available ton miles - Scheduled	8,286,878	18,834,018	2,556,613	2,307,332	3,611,514	993,139	210,655,474	247,244,968	217,330,188

(1) Not available.

TRANSPORTATION STATISTICS

ANALYTICAL CHARACTERS

PRELIMINARY ANNUAL - 1958

TABLE 11

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

Not applicable

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

PRELIMINARY ANNUAL - 1958

- 11 -

TABLE 13

	Austin Airways	Canadian Pacific Air Lines (1)	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines (2)	Total	Total 1957
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Operating revenues:									
Unit toll transportation:									
Passengers	83,219	22,961,473	732,421	1,411,069	1,579,317	1,265,725	101,553,258	129,586,482	110,963,136
Mail	6,422	2,030,658	219,142	125,659	93,194	175,844	9,893,622	12,544,541	12,192,480
Freight	56,506	1,999,512	-	82,345	66,944	455,266	4,370,014	7,030,587	6,854,603
Express	1,385	355,563	378,357	-	165,998	-	2,166,000	3,067,306	2,819,384
Excess baggage	211	382,711	20,515	24,746	51,488	31,049	977,494	1,488,214	1,380,970
Total unit toll transportation	147,743	27,729,917	1,350,435	1,643,819	1,956,941	1,927,884	118,960,391	153,717,130	134,210,573
Bulk transportation	538,501	650,195	509,877	5,078,232	90,071	1,090,002	484,132	8,441,010	14,152,220
Other flying services	75,442	-	43,125	322,814	-	-	6,462	447,843	255,839
Total flying services	761,686	28,380,112	1,903,437	7,044,865	2,047,012	3,017,886	119,450,985	162,605,983	148,618,632
Non-flying services	9,214	199,288	862,679	28,050	4,355	30,384	1,103,784	2,237,754	2,556,675
Total operating revenues	770,900	28,579,400	2,766,116	7,072,915	2,051,367	3,048,270	120,554,769	164,843,737	151,175,307
Operating expenses:									
Aircraft operation and maintenance	704,296	18,667,142	2,564,706	4,606,690	1,114,659	2,215,679	64,563,663	94,436,835	87,462,597
Ground operation and maintenance	88,257	5,343,675	669,354	758,993	575,386	624,727	29,541,667	37,602,059	35,415,588
Traffic	45,642	4,539,297	67,276	435,322	251,140	44,299	15,993,181	21,376,157	18,973,478
General administration	59,038	2,063,845	258,996	618,551	224,116	199,595	7,556,409	10,780,550	9,016,231
General taxes	4,222	144,869	18,708	13,393	10,517	13,288	585,864	790,861	753,514
Total operating expenses	901,455	30,758,828	3,579,040	6,432,949	2,175,818	3,097,588	118,040,784	164,986,462	151,621,408
Operating income (or loss)	Dr. 130,555	Dr. 2,179,428	Dr. 812,924	639,966	Dr. 124,451	Dr. 49,318	2,513,985	Dr. 142,725	Dr. 446,101
Add non-operating income	169	168,039	59,306	228,469	-	47,554	47,444	977,981	1,258,936
Gross income	Dr. 130,386	Dr. 2,011,389	Dr. 753,618	868,435	Dr. 124,451	Dr. 1,764	2,988,429	835,256	812,835
Deduct interest and other income charges	11,263	34,143	140,335	303,716	-	158,498	2,441,000	3,399,955	2,158,231
Net income before income taxes	Dr. 141,649	Dr. 2,356,532	Dr. 893,953	564,719	Dr. 124,451	Dr. 160,262	547,429	Dr. 2,564,699	Dr. 1,345,396
Deduct provision for income taxes	-	-	-	-	-	-	-	-	Dr. 293,423
Operating ratio	116.9	107.6	129.4	91.0	106.1	101.6	97.9	100.1	100.3

1. P.A. consolidated financial statement includes: Domestic and International scheduled services, Domestic and International charter flights, Domestic, trans-border and Atlantic services.

REVENUES AND EXPENSES

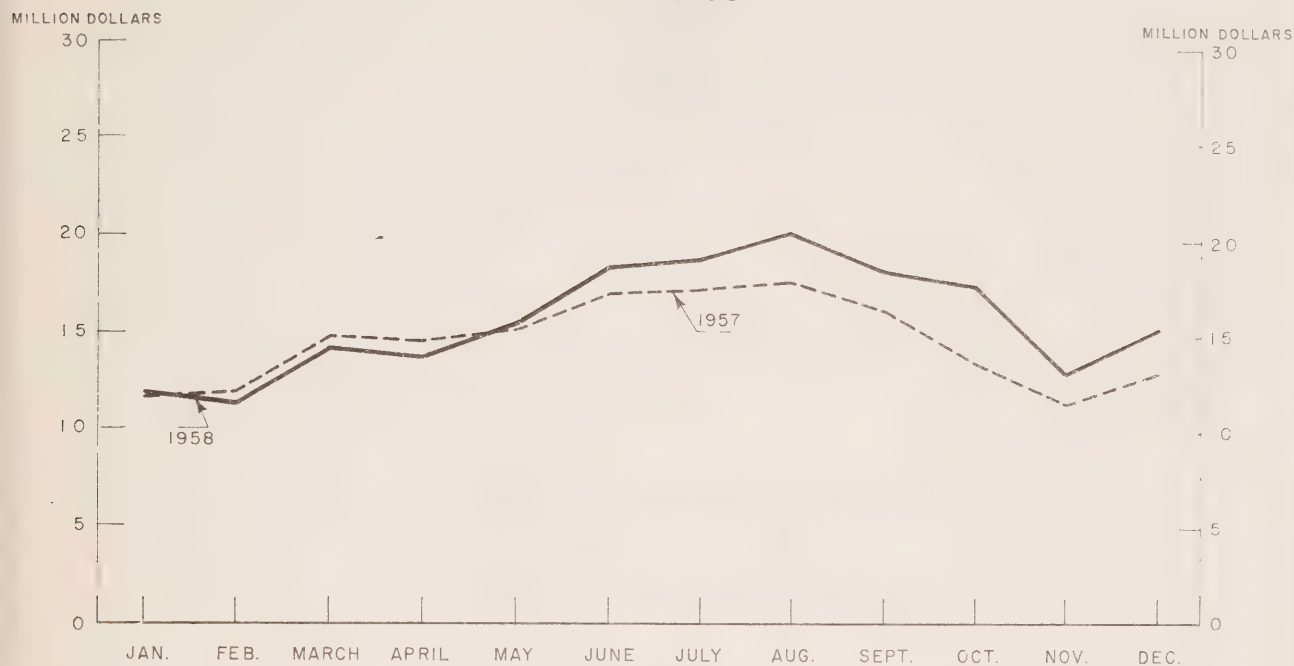
CANADIAN CARRIERS

PRELIMINARY ANNUAL, 1958

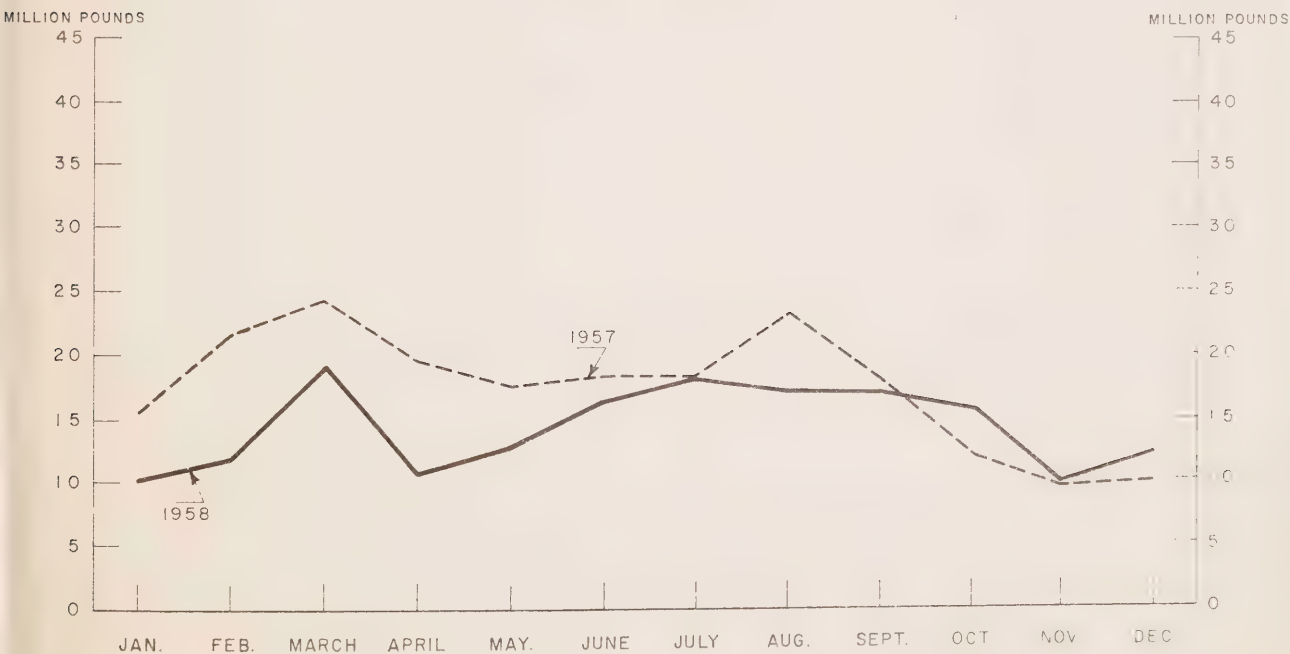
TABLE 14
NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" CARRIERS	Class "C" CARRIERS	Total	Total
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	1,512,532	113,203	1,625,735	1,332,142
Mail	422,798	11,840	434,638	469,291
Freight	738,084	2,030	740,114	381,588
Express	71,489	3,039	74,518	110,288
Excess baggage	45,741	2,446	48,187	48,098
Total unit toll transportation	2,790,644	132,548	2,923,192	2,341,407
Bulk transportation	20,318,563	1,472,458	21,791,021	26,566,994
Other flying services	7,559,666	589,371	8,149,037	7,611,607
Total flying services	30,000,873	2,194,377	32,195,250	36,520,008
Non-flying services	2,140,810	298,912	2,439,722	2,347,750
Total operating revenues	32,809,683	2,493,289	35,302,972	38,867,758
Operating expenses:				
Aircraft operation and maintenance	22,247,423	1,623,274	23,875,697	27,531,031
Ground operation and maintenance	5,356,928	442,871	5,799,799	5,935,193
Traffic	836,468	60,063	896,531	740,614
General administration	3,206,944	385,095	3,592,039	3,473,811
General taxes	97,133	7,028	104,161	106,732
Total operating expenses	31,744,896	2,509,275	34,254,171	37,792,381
Operating income (or loss)				
Add non-operating income	1,064,787	Dr.	1,064,787	1,075,377
Gross income	315,087		326,703	364,483
Deduct interest and other income charges	1,379,874	Dr.	1,375,504	1,439,860
Net income before income taxes	727,084		766,798	502,915
Deduct provision for income taxes	652,790	Dr.	608,706	936,945
Net income (or deficit) after income taxes	163,476	Dr.	167,929	437,869
Operating ratio	96.8	100.6	97.0	97.2

OPERATING REVENUE OF CANADIAN CARRIERS 1957-1958



REVENUE CARGO CARRIED BY CANADIAN CARRIERS 1957-1958



CATALOGUE No.

51-201

ANNUAL

Canada. Statistics, Bureau of



CIVIL AVIATION
PRELIMINARY ANNUAL

1959



Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section

TABLE OF CONTENTS

	Page
Introduction	3
 Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Cargo Carried by Canadian Carriers	4
 Tables:	
1. General Statistics, by Type of Service	5
2. Transportation Statistics, by Type of Service	6
3. Revenues and Expenses of Canadian Carriers	7
4. General Statistics of Canadian Scheduled Carriers - Domestic Services, by Company	8
5. General Statistics of Canadian Non-scheduled Carriers by Class of Carrier	9
6. General Statistics of Canadian Scheduled Carriers - Atlantic and Pacific Services	9
7. Transportation Statistics of Canadian Scheduled Carriers - Domestic Services, by Company	10-11
8. Transportation Statistics of Canadian Non-scheduled Carriers, by Class of Carrier	12-13
9. Transportation Statistics of Canadian Carriers - Atlantic and Pacific Services	12-13
10. Revenues and Expenses of Canadian Scheduled Carriers, by Company	14
11. Revenues and Expenses of Canadian Non-scheduled Carriers	15

CIVIL AVIATION

PRELIMINARY REPORT

1959

This report presents a summary of monthly statements supplied by Canadian air carriers and by foreign air carriers engaged in international service to and from Canadian airports. A more comprehensive annual report based on audited yearly statements will appear later under the title "Civil Aviation 1959". Figures shown in this report are subject to revision.

Operating revenues of Canadian air carriers rose 9.8 percent in 1959 to \$221,462,401 from \$201,713,936 in 1958 and operating expenses increased by 10.4 percent to \$221,063,697 from \$200,278,225. The operating income decreased to \$398,704 from \$1,435,711 and the deficit for the year, after provision for income taxes and other deductions, increased to \$2,887,782 from \$1,806,744 in 1958. Scheduled air carriers reported a deficit of \$3,477,871 as compared with \$2,306,820, while non-scheduled carriers registered a net income of \$590,089 as against \$500,076 in the previous year.

With the exception of bulk transportation, all revenue accounts recorded substantial increases. Revenue from unit toll passenger fares increased 16.2 percent to \$152,432,188 from \$131,166,995; mail revenue rose 3.5 percent to \$13,438,063; revenue from freight carried in unit toll service advanced 15.1 percent to \$8,947,339; express revenue rose 23.6 percent to \$3,867,114 and excess baggage receipts increased 11.6 percent to \$1,717,305. Bulk transportation revenue, which includes both cargo and freight flown in chartered service was virtually unchanged at \$29,651,730 as against \$29,896,573.

All individual expense accounts registered increases over the previous year. Aircraft operation and maintenance costs totalled \$131,825,021 as compared with \$118,822,770 in 1958, while ground operation and maintenance charges rose to \$46,741,435 from \$43,189,511. Traffic expenses advanced to \$25,347,241 from \$22,283,217; general administration costs to \$16,151,421 from \$15,076,308 and general taxes to \$998,579 from \$906,419.

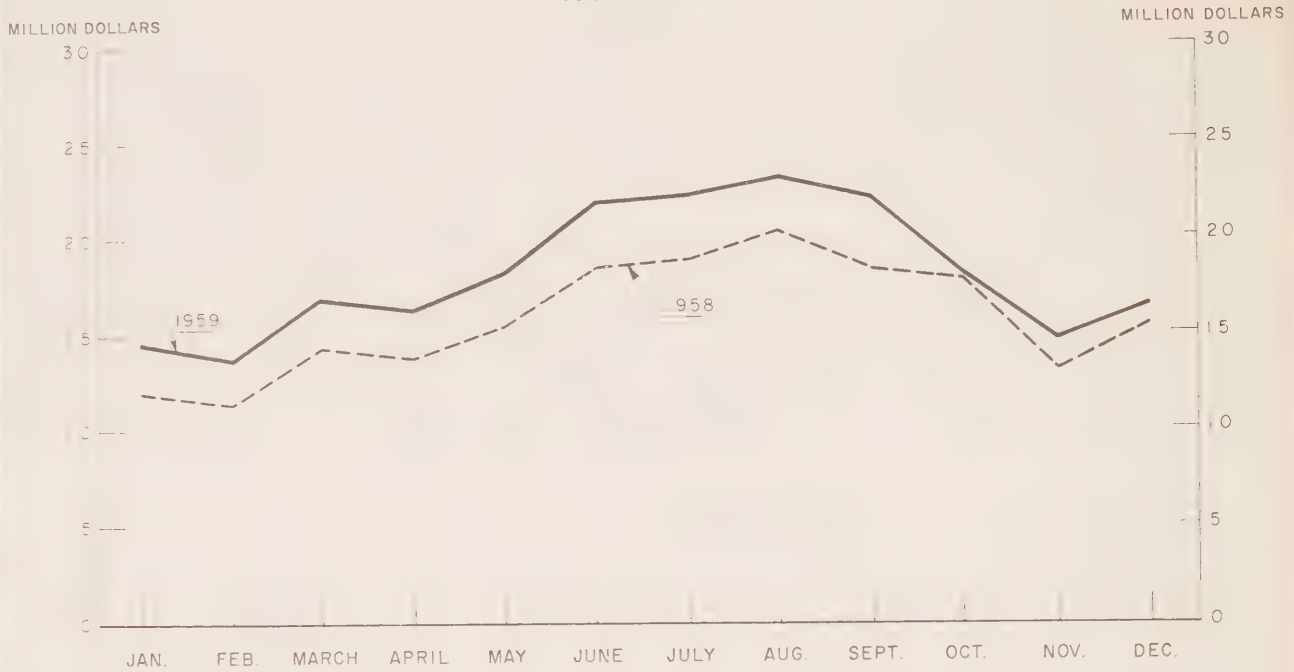
Canadian air carriers transported a total of 4,675,776 revenue passengers during the year, an increase of 652,839 or 16.2 percent over the 4,022,937 carried in 1958. This year 4,175,743 passengers were transported in unit toll service as against 3,599,365, while passengers carried in bulk or chartered service totalled 500,033 as compared with 423,572 in the previous year. Passenger miles flown in revenue unit toll service rose 15.8 percent to 2,357,309,414 from 2,036,163,546.

The total volume of revenue cargo transported, including airmail rose 5.0 percent to 234,414,233 lbs. from 223,154,877, each category of goods flown contributing to the overall increase. Revenue freight rose to 176,169,294 lbs. from 172,241,984, express to 18,538,141 lbs. from 13,620,243, excess baggage to 6,812,019 lbs. from 5,904,809 and airmail to 32,894,779 lbs. from 31,387,841.

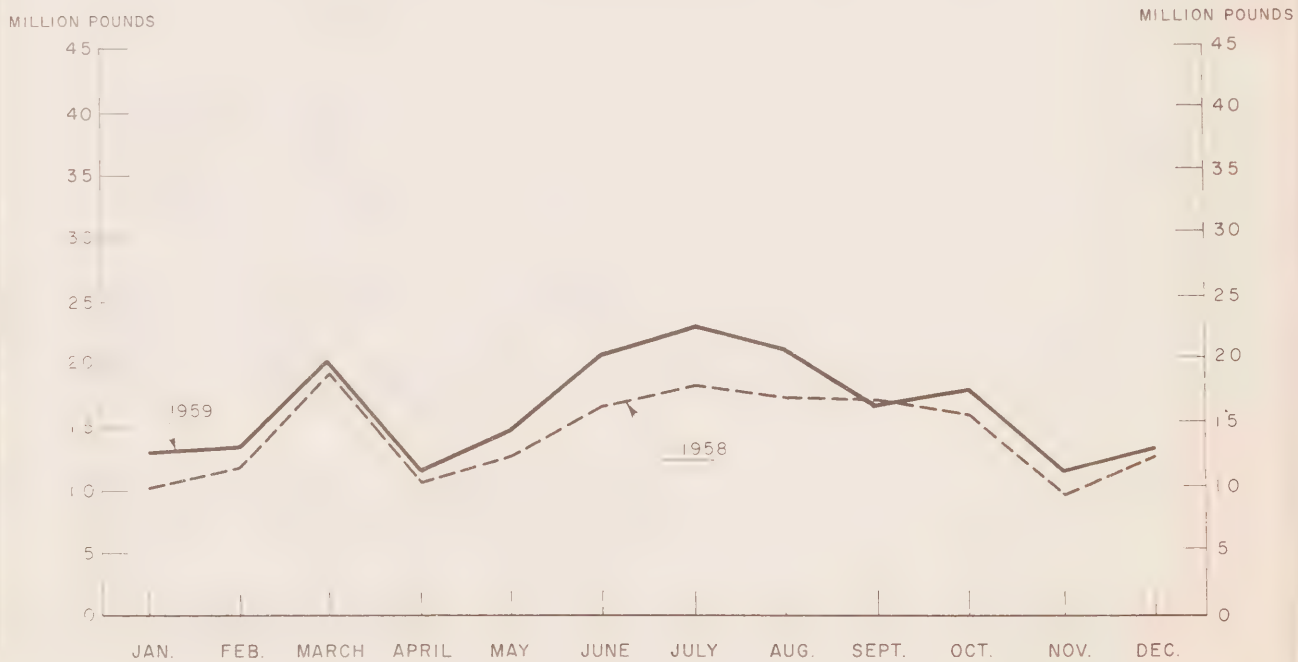
During the year Canadian air carriers flew a total of 105,715,453 revenue miles as compared with 95,810,566 in 1958. Unit toll mileage increased to 77,393,647 from 69,438,086, and charter service mileage advanced to 28,321,806 from 26,372,480.

Statistics received from foreign air carriers licensed to operate in Canada show that 634,469 revenue passengers, 11,511,177 lbs. of revenue freight and 2,648,667 lbs. of mail were carried in 1959. Comparable figures for 1958 are 532,314 revenue passengers, 8,621,276 lbs. of revenue freight and 2,240,172 lbs. of mail.

OPERATING REVENUE OF CANADIAN CARRIERS 1958-1959



REVENUE CARGO CARRIED BY CANADIAN CARRIERS 1958-1959



GENERAL STATISTICS

Preliminary Annual, 1959

TABLE 1

	Canadian carriers					Foreign carriers		Grand total all services	Grand Total 1958
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services		
	Scheduled carriers	Non-scheduled carriers							
Miles flown: Revenue: Unit toll transportation Bulk transportation Total revenue miles flown	48,708,995 4,191,525 52,900,520	3,513,205 23,897,550 27,410,755	9,219,577 17,558 9,237,135	15,951,870 215,173 16,167,043	77,393,647 28,321,806 105,715,453	2,178,177 11,293 2,189,470	2,577,402 20,987 2,598,389	82,149,226 28,354,086 110,503,312	73,443,594 26,414,685 99,858,279
Hours flown: Revenue: Unit toll transportation Bulk transportation Other flying services Total revenue Non-revenue Total hours flown	220,433 30,329 3,354 254,116 9,632 263,748	30,285 225,144 146,872 402,301 19,208 421,509	38,818 84 - 38,902 175 39,077	60,367 821 - 61,188 2,441 63,629	349,903 256,378 150,226 756,507 31,456 787,963	9,875 51 - 9,926 87 10,013	24,311 81 - 24,392 - 24,392	384,089 256,510 150,226 790,825 31,543 822,368	340,201 233,549 135,587 709,337 35,458 744,795
Fuel consumed: Turbo fuel Gasoline Oil consumed: Turbo aircraft Other aircraft Average number of employees Salaries and wages	52,972,729 7,979,473 31,341,045 9,776,597 16,007 232,351 426,815 383,032 12,410 64,865,794	- - 10,926,484 4,678,447 - - 155,351 208,986 2,289 12,085,853	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	6,084,996 1,162,141 20,451,230 5,355,253 2,490 38,153 290,548 226,617 1,876 10,015,760	59,057,725 9,141,614 62,718,759 19,810,297 18,497 270,504 872,714 818,635 16,575 86,967,407	(3) 669,033 (3) 2,981,521 (3) 1,458 153,666 122,470 290 1,474,001	(3) 927,686 (3) 2,595,013 (3) 685 6,344 (3) 90,986 471 2,224,861	66,282,800 10,738,333 83,616,457 25,386,831 22,799 278,306 1,147,743 1,032,091 17,336 90,666,269	47,414,521 7,364,598 80,636,975 26,397,607 23,208 310,199 1,146,428 1,059,906 16,664 83,474,463
Average number of aircraft: Owned Leased Total Ratio of miles flown to miles scheduled (1) Revenue passenger load factor - scheduled	199 10 209 98.4 65.1	756 67 823 Not applicable applicable	(2) (2) (2) 96.7 71.4	25 - 25 99.0 59.0	980 77 1,057 98.3 64.0	Not applicable applicable 1,057 92.7 27.5	Not applicable applicable 97.8 47.9	980 77 1,043 98.1 62.0	960 83 1,043 97.3 63.4

(1) Includes miles flown on regular scheduled flights only.

(2) Included in scheduled domestic services.

(3) Gasoline and oil taken on in Canada.

TRANSPORTATION STATISTICS

Preliminary Annual, 1959

TABLE 2

	Canadian carriers						Foreign carriers		Grand total all services	Grand Total 1958
	Domestic services		Trans-border services	Atlantic & Pacific services	Total	Trans-border services	Atlantic & Pacific services			
	Scheduled carriers	Non-scheduled carriers								
Passengers carried:										
Revenue:										
Unit toll transportation	3,014,103	83,439	847,989	230,212	4,175,743	518,289	113,423	4,807,455	4,129,463	
Bulk transportation	56,971	436,981	2,223	3,858	500,033	1,922	835	502,790	425,788	
Total revenue passengers carried	3,071,074	520,420	850,212	234,070	4,675,776	520,211	114,258	5,310,245	4,555,251	
Passenger miles - Unit toll transportation:										
Revenue	1,431,048,316	18,025,619	284,277,768	623,957,711	2,357,309,414	33,569,157	104,578,459	2,495,457,030	2,142,276,186	
Non-revenue	56,255,900	799,016	3,442,934	39,694,746	100,192,596	786,916	1,777,929	102,757,441	86,663,863	
Total passenger miles	1,487,304,216	18,824,635	287,720,702	663,652,457	2,457,502,010	34,356,073	106,356,388	2,598,214,471	2,228,940,049	
Freight carried (lb.):										
Revenue:										
Unit toll transportation	30,913,876	7,398,401	8,689,280	4,112,908	51,114,465	7,647,659	3,861,508	62,623,632	52,845,858	
Bulk transportation	15,192,379	109,862,450	-	-	125,054,829	2,010	-	125,056,839	128,017,402	
Total revenue	46,106,255	117,260,851	8,689,280	4,112,908	176,169,294	7,649,669	3,861,508	187,680,471	180,863,260	
Non-revenue	4,862,272	2,484,764	131,617	984,957	8,463,610	231,347	436,650	9,131,607	6,462,608	
Total freight carried	50,968,527	119,745,615	8,820,897	5,097,865	184,632,904	(5) 7,881,016	(5) 4,298,158	196,812,078	187,325,868	
Freight ton miles - Unit toll transportation:										
Revenue	11,969,866	1,887,450	1,475,309	7,498,944	22,831,569	310,500	1,507,137	24,649,206	21,025,817	
Non-revenue	2,305,809	166,783	21,470	1,793,760	4,287,822	24,728	158,756	4,471,306	3,433,553	
Total freight ton miles	14,275,675	2,054,233	1,496,779	9,292,704	27,119,391	(6) 335,228	(6) 1,665,893	29,120,512	24,459,370	
Express carried (lb.)-Unit toll transport.	15,539,837	460,948	2,537,356	-	18,538,141	(7)	(7)	18,538,141	13,620,243	
Express ton miles	4,450,252	58,454	428,440	-	4,937,146	(8)	(8)	4,937,146	3,847,561	
Excess baggage carried (lb.)	4,753,353	325,504	1,325,935	407,227	6,812,019	(7)	(7)	6,812,019	5,904,809	
Excess baggage ton miles	955,864	71,171	226,464	483,050	1,736,549	(8)	(8)	1,736,549	1,574,248	
Mail carried (lb.)-Unit toll transportation	27,722,405	1,700,093	1,916,706	1,555,575	32,894,779	1,624,021	1,024,646	35,543,446	33,628,013	
Mail ton miles-Unit toll transportation	9,623,549	220,588	348,938	2,922,512	13,115,587	71,654	500,737	13,698,978	13,037,645	

(1) Includes 88,301 division interline passengers.

(2) Includes 478,415 lb. division interline freight.

(3) Includes 32,615 lb. division interline express.

(4) Includes 180,597 lb. division interline excess baggage.

(5) Includes express and excess baggage.

(6) Includes express and excess baggage ton miles.

(7) Included in freight carried.

(8) Included in freight ton miles.

REVENUES AND EXPENSES
Preliminary Annual, 1959

TABLE 3

	Canadian carriers			
	Scheduled (1)	Non-scheduled	Total 1959	Total 1958
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	149,895,106	2,537,082	152,432,188	131,166,995
Mail	12,776,469	661,594	13,438,063	12,981,569
Freight	7,875,547	1,071,792	8,947,339	7,773,368
Express	3,798,254	68,860	3,867,114	3,128,964
Excess baggage	1,636,822	80,483	1,717,305	1,538,533
Total unit toll transportation	175,982,198	4,419,811	180,402,009	156,589,429
Bulk transportation	7,264,672	22,387,058	29,651,730	29,896,573
Other flying services	133,750	6,792,119	6,925,869	10,129,753
Total flying services	183,380,620	33,598,988	216,979,608	196,615,755
Non-flying services	2,105,805	2,376,988	4,482,793	5,098,181
Total operating revenues	185,486,425	35,975,976	221,462,401	201,713,936
Operating expenses:				
Aircraft operation and maintenance	107,890,439	23,934,582	131,825,021	118,822,770
Ground operation and maintenance	41,293,013	5,448,422	46,741,435	43,189,511
Traffic	24,517,732	829,509	25,347,241	22,283,217
General administration	12,046,575	4,104,846	16,151,421	15,076,308
General taxes	910,360	88,219	998,579	906,419
Total operating expenses	186,658,119	34,405,578	221,063,697	200,278,225
Operating income (or loss)	Dr. 1,171,694	1,570,398	398,704	1,435,711
Add non-operating income	1,630,944	268,507	1,899,451	1,522,728
Gross income	459,250	1,838,905	2,298,155	2,958,439
Deduct interest and other income charges	3,835,825	785,469	4,621,294	4,427,695
Net income before income taxes	Dr. 3,376,575	1,053,436	Dr. 2,323,139	Dr. 1,469,256
Deduct provision for income taxes	101,296	463,347	564,643	337,488
Net income (or deficit) after income taxes	Dr. 3,477,871	590,089	Dr. 2,887,782	Dr. 1,806,744
Operating ratio	100.6	95.6	99.8	99.3

(1) Includes Canadian trans-border, Atlantic and Pacific services.

Note: Revenues and expenses for foreign carriers not available.

GENERAL STATISTICS
CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual, 1959

TABLE 4

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1958
Miles scheduled								
Miles flown:								
Revenue:								
Unit toll transportation	4,214,557	495,808	1,578,839	1,631,723	378,600	37,327,326	45,626,853	40,436,540
Bulk transportation	4,614,998	1,124,274	1,904,576	1,631,723	1,350,953	38,082,471	48,708,995	43,415,725
Total revenue	33,367	205,974	2,813,549	185,707	742,290	210,638	4,191,525	5,623,912
Non-revenue	4,648,365	1,330,248	4,718,125	1,817,430	2,093,243	38,293,109	52,900,520	49,039,637
Total miles flown	195,447	47,679	298,563	323,235	67,121	1,054,101	1,986,146	2,489,632
Hours flown:								
Revenue:								
Unit toll transportation	23,927	6,484	12,617	9,379	9,196	158,830	220,433	208,126
Bulk transportation	230	1,131	20,343	1,300	6,379	946	30,329	43,541
Other flying services	-	589	2,681	-	-	84	3,354	8,855
Total revenue	24,157	8,204	35,641	10,679	15,575	159,860	254,116	260,522
Non-revenue	1,078	290	2,275	582	539	4,868	9,632	14,238
Total hours flown	25,235	8,494	37,916	11,261	16,114	164,728	263,748	274,760
Fuel consumed:								
Turbo fuel - Quantity								
Cost	2,850,960	195,009	-	926,329	-	(2)	49,000,431 (2)	52,972,729 (2)
Gasoline - Quantity	488,580	46,395	-	201,199	-	(2)	7,243,299 (2)	7,979,473 (2)
Cost	3,461,212	972,457	2,580,917	680,794	1,150,620	(2)	22,495,045 (2)	31,341,045 (2)
Oil consumed:								
Turbo aircraft - Quantity	1,288,571	311,186	1,156,770	255,298	505,042	(2)	6,259,730 (2)	9,776,597 (2)
Cost	847	78	-	284	-	(2)	14,798 (2)	16,007 (2)
Other aircraft - Quantity	12,489	1,123	-	4,583	-	(2)	214,156 (2)	232,351 (2)
Cost	42,498	11,781	34,428	11,233	14,314	(2)	312,561 (2)	426,815 (2)
Average number of employees	40,315	10,722	42,230	11,233	14,314	(2)	264,218 (2)	383,032 (2)
Salaries and wages								
Average number of employees	1,624	181	587	228	208	(2)	9,582 (2)	12,410 (2)
Owned	8,081,290	895,679	3,027,811	995,785	994,959	(2)	50,870,270 (2)	64,865,794 (2)
Leased								
Total								
Average number of aircraft:								
Owned	21	14	42	12	29	(2)	81 (2)	199 (2)
Leased	-	10	-	-	-	(2)	-	10
Total	21	14	52	12	29	(2)	81 (2)	209 (2)
Ratio of miles flown to miles scheduled (1)								
Revenue passenger load factor - scheduled	99.0	100.0	100.0	100.0	100.0	(2)	98.1	97.6
	64.8	61.2	50.4	50.6	(4)	(2)	65.9	67.6

(1) Includes miles flown on regular scheduled flights only.
(2) Includes trans-border services.

(3) Estimated.
(4) Not available.

TABLE 6 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1958
7,836,326	7,792,139	15,628,465	14,362,069
8,049,681	7,902,189	15,951,870	14,800,205
123,780	91,393	215,173	234,951
8,173,461	7,993,582	16,167,043	15,035,156
164,525	385,058	549,583	793,586
8,337,986	8,378,640	16,716,626	15,828,742
31,849	28,518	60,367	56,802
473	348	821	942
32,322	28,866	61,188	57,744
678	1,763	2,441	2,960
33,000	30,629	63,629	60,704
163,630	5,921,366	6,084,996	2,843,923
12,164	1,149,977	1,162,141	517,376
13,127,081	7,324,149	20,451,230	21,234,747
3,185,378	2,169,875	5,355,253	6,044,497
44	2,446	2,490	906
453	37,700	38,153	13,497
198,820	91,728	290,548	296,183
142,586	84,031	226,617	242,732
803	1,073	1,876	1,619
4,415,955	5,599,805	10,015,760	8,842,348
11	14	25	24
-	-	-	-
11	14	25	24
98.8	99.3	99.0	99.3
64.2	54.0	59.0	54.8

TABLE 5 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1958
Miles scheduled	Not applicable				
Miles flown:					
Revenue:					
Unit toll transportation	3,454,601	53,852	4,752	3,513,205	2,919,108
Bulk transportation	18,681,147	3,027,137	2,189,266	23,897,550	20,506,185
Total revenue	22,135,748	3,080,989	2,194,018	27,410,755	23,425,293
Non-revenue	(2)	(2)	(2)	(2)	(2)
Total miles flown					
Hours flown:					
Revenue:					
Unit toll transportation	29,490	695	100	30,285	23,316
Bulk transportation	176,191	28,797	20,156	225,144	188,858
Other flying services	81,909	31,027	33,936	146,872	126,732
Total revenue	287,590	60,519	54,192	402,301	338,906
Non-revenue	10,729	3,975	4,504	19,208	17,928
Total hours flown	298,319	64,494	58,696	421,509	356,834
Fuel consumed: Turbo fuel	-	-	-	-	-
-Quantity gallons	-	-	-	-	-
-Cost	-	-	-	-	-
Casoline	9,900,490	623,406	402,588	10,926,484	9,891,384
-Quantity gallons	4,163,125	312,376	202,946	4,678,447	4,555,510
-Cost	-	-	-	-	-
Oil consumed: Turbo aircraft-Quantity	-	-	-	-	-
-Quantity gallons	-	-	-	-	-
-Cost	-	-	-	-	-
Other aircraft-Quantity	137,497	11,628	6,206	155,351	145,254
-Quantity gallons	178,361	18,120	12,505	208,986	181,983
-Cost	-	-	-	-	-
Average number of employees	1,958	208	123	2,289	2,410
Salaries and wages	10,784,870	891,343	409,640	12,085,853	11,748,030
Average number of aircraft:					
Owned	462	141	153	756	697
Leased	41	10	16	67	67
Total	503	151	169	823	764
Ratio of miles flown to miles scheduled (1)	Not applicable				
Revenue passenger load factor - scheduled	Not applicable				

(1) Includes miles flown on regular scheduled flights only.

(2) Not available.

TRANSPORTATION STATISTICS
CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual, 1959

TABLE 7

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1958
Passengers carried:								
Revenue:								
Scheduled:								
Originated	188,241	39,051	98,077	191,262	24,638	2,008,724	2,549,993	2,148,101
Domestic interline	19,697	4,157	-	-	-	(	23,854	18,676
Foreign interline	8,979	-	-	-	-	(	308,681	289,069
Division interline	687	-	-	-	-	84,716	85,403	78,916
Non-scheduled	4,524	7,912	10,515	-	23,221	-	46,172	51,266
Total unit toll transportation	222,128	51,120	108,592	191,262	47,859	2,393,142	3,014,103	2,586,028
Bulk transportation	957	4,595	29,987	5,421	6,410	9,601	56,971	71,276
Total revenue passengers carried	223,085	55,715	138,579	196,682	54,269	2,402,743	3,071,074	2,657,304
Passenger Miles - Unit toll transportation								
Revenue	157,027,003	10,812,259	24,002,000	25,065,095	15,947,977	1,198,193,982	1,431,048,316	1,212,440,441
Non-revenue	3,569,518	348,258	508,103	323,235	625,411	50,881,375	56,255,900	49,358,731
Total passenger miles	160,596,521	11,160,517	24,510,103	25,388,330	16,573,388	1,249,075,357	1,487,304,216	1,261,799,172
Freight carried (lb.):								
Revenue:								
Scheduled:								
Originated	4,203,910	-	3,271,462	1,793,787	199,572	16,669,834	26,138,565	21,762,290
Domestic interline	33,225	-	-	-	-	-	33,225	24,044
Foreign interline	99,246	-	-	-	-	-	99,246	13,434
Division interline	21,786	-	-	-	-	2,472,354	2,494,140	2,516,688
Non-scheduled	194,186	-	107,406	-	1,847,108	-	2,148,700	3,199,824
Total unit toll transportation	4,552,353	-	3,378,868	1,793,787	2,046,680	19,142,188	30,913,876	27,516,280
Bulk transportation	47,505	384,753	9,328,005	1,197,455	3,665,473	569,188	15,192,379	25,284,387
Total revenue	4,599,858	384,753	12,706,873	2,991,242	5,712,153	19,711,376	46,106,255	52,800,667
Non-revenue	597,892	175,318	114,431	-	260,092	3,714,539	4,862,272	4,177,729
Total freight carried	5,197,750	560,071	12,821,304	2,991,242	5,972,245	23,425,915	50,968,527	56,978,396
Freight ton miles - Unit toll transportation								
Revenue	1,506,358	-	695,226	135,686	400,908	9,231,688	11,969,866	10,408,788
Non-revenue	337,960	40,031	32,660	-	61,600	1,833,558	2,305,809	1,923,156
Total freight ton miles	1,844,318	40,031	727,886	135,686	462,508	11,065,246	14,275,675	12,331,944

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual, 1959

TABLE 7 (Continued)

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1958
Express carried (lb.):								
Revenue:								
Scheduled:								
Originated	997,375	2,413,075	261,915	2,918,353	-	4,729,470	11,320,188	9,320,759
Domestic interline	-	52,030	-	-	-	-	52,030	68,968
Foreign interline	-	-	-	-	-	498,829	-	-
Division interline	-	-	-	-	-	-	498,829	383,726
Non-scheduled	14,754	3,654,036	-	-	-	-	3,668,790	1,226,917
Total unit toll transportation	1,012,129	6,119,141	261,915	2,918,353	-	5,228,299	15,539,837	11,000,370
Express ton miles - Unit toll transportation	291,450	1,642,739	75,549	215,963	-	2,224,551	4,450,252	3,427,550
Excess baggage carried (lb.):								
Revenue:								
Scheduled:								
Originated	492,424	104,976	344,515	676,801	64,315	2,556,648	4,239,679	3,617,060
Domestic interline	26,569	-	-	-	-	29,439	56,008	46,323
Foreign interline	4,558	-	-	-	-	66,616	71,174	45,908
Division interline	178	-	-	-	-	211,169	211,347	188,929
Non-scheduled	11,080	61,679	20,014	-	82,372	-	175,145	203,246
Total unit toll transportation	534,809	166,655	364,529	676,801	146,687	2,863,872	4,753,353	4,101,466
Excess baggage ton miles-Unit toll transportation	188,051	28,248	68,619	78,256	30,411	562,279	955,864	839,204
Mail carried (lb.) - Unit toll transportation	2,354,115	1,355,660	889,010	919,456	606,210	21,597,954	27,722,405	26,344,955
Mail ton miles - Unit toll transportation	558,534	150,832	234,954	62,809	73,257	8,543,163	9,623,549	9,060,622
Available seat miles - Scheduled	242,187,232	17,666,607	47,635,001	49,513,748	(1)	1,817,235,738	1,761,892,771	1,761,892,771
Available ton miles - Scheduled	34,222,757	3,110,412	5,639,364	5,295,185	1,193,419	245,062,856	294,523,993	239,164,401

(1) Not available.

TRANSPORTATION STATISTICS

CANADIAN CARRIERS

Preliminary Annual, 1959

TABLE 8 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1958
Passengers carried:					
Revenue:					
Scheduled:	(1)	(1)	(1)	(1)	(1)
Originated					
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	80,816	2,389	234	83,439	65,063
Total unit toll transportation	80,816	2,389	234	83,439	65,063
Bulk transportation	307,093	92,214	37,674	436,981	349,140
Total revenue passengers carried	387,909	94,603	37,908	520,420	414,203
Passenger miles - Unit toll transportation					
Revenue	17,819,395	205,483	741	18,025,619	11,616,968
Non-revenue	799,016	-	-	799,016	595,996
Total passenger miles	18,618,411	205,483	741	18,824,635	12,212,964
Freight carried (lb.):					
Revenue:					
Scheduled:	(1)	(1)	(1)	(1)	(1)
Originated					
Domestic interline					
Foreign interline					
Division interline					
Non-scheduled	7,398,401	-	-	7,398,401	5,220,300
Total unit toll transportation	7,398,401	-	-	7,398,401	5,220,300
Bulk transportation	100,495,810	7,430,105	1,936,535	109,862,450	102,603,024
Total revenue	107,894,211	7,430,105	1,936,535	117,260,851	107,823,324
Non-revenue	2,272,177	58,492	154,095	2,484,764	909,420
Total freight carried	110,166,388	7,488,597	2,090,630	119,745,615	108,732,744
Freight ton miles - Unit toll transportation					
Revenue	1,887,450	-	-	1,887,450	2,015,299
Non-revenue	166,783	-	-	166,783	114,918
Total freight ton miles	2,054,233	-	-	2,054,233	2,130,217

(1) Not available.

TABLE 9 ATLANTIC AND PACIFIC SERVICES

Trans-Canada Airlines	Canadian Pacific Airlines	Total	Total 1958
151,231	59,239	210,470	182,428
-	1,715	1,715	1,821
-	16,688	16,688	13,560
18	1,321	1,339	29
-	-	-	-
151,249	78,963	230,212	197,838
2,522	1,336	3,858	2,666
163,771	80,299	234,070	200,504
330,095,410	293,862,301	623,957,711	562,085,915
29,440,602	10,254,144	39,694,746	31,491,527
359,536,012	304,116,445	663,652,457	593,577,442
3,013,476	512,157	3,525,633	2,833,094
-	56,859	56,859	73,804
-	366,002	366,002	292,126
2,309	162,105	164,414	5,356
-	-	-	-
3,015,785	1,097,123	4,112,908	3,204,380
-	-	-	78,327
3,015,785	1,097,123	4,112,908	3,282,707
544,268	440,689	984,957	705,358
3,560,053	1,537,812	5,097,865	3,988,065
4,263,325	3,235,619	7,498,944	6,121,823
745,561	1,048,199	1,793,760	1,239,449
5,008,886	4,283,818	9,292,704	7,361,272

CANADIAN CARRIERS

TABLE 9 (Continued) ATLANTIC AND PACIFIC SERVICES

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total	Total 1958
Express carried (lb.): Revenue: Scheduled: Originated Domestic interline Foreign interline Division interline Non-scheduled Total unit toll transportation	(1) 460,948 460,948	(1) - -	(1) - -	(1) 460,948 460,948	(1) 444,884 444,884
Express ton miles - Unit toll transportation	58,454	-	-	58,454	44,580
Excess baggage carried (lb.): Revenue: Scheduled: Originated Domestic interline Foreign interline Division interline Non-scheduled Total unit toll transportation	(1) 325,504 325,504	(1) - -	(1) - -	(1) 325,504 325,504	(1) 169,292 169,292
Excess baggage ton miles - Unit toll transportation	71,171	-	-	71,171	39,633
Mail carried (lb.) - Unit toll transportation Mail ton miles - Unit toll transportation	1,688,448 220,527	5,509 27	6,136 34	1,700,093 220,588	1,523,313 125,826
Available seat miles - Scheduled Available ton miles - Scheduled	Not applicable				

(1) Not available.

REVENUES AND EXPENSES

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

Preliminary Annual, 1959

TABLE 10

	Canadian Pacific Air Lines (1)	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines (2)	Total	Total 1958
	\$	\$	\$	\$	\$	\$	\$	\$
Operating revenues:								
Unit toll transportation:								
Passengers	28,544,182	1,003,603	2,166,983	2,392,682	1,449,127	114,338,529	149,895,106	129,586,482
Mail	1,965,501	242,844	305,625	93,588	182,436	9,986,475	12,776,469	12,561,998
Freight	2,101,807	-	427,932	148,638	377,984	4,819,186	7,875,547	7,030,588
Express	266,413	761,165	87,670	236,440	-	2,446,566	3,798,254	3,067,421
Excess baggage	372,302	29,911	78,179	85,599	29,856	1,040,975	1,636,822	1,488,214
Total unit toll transportation	33,250,205	2,037,523	3,066,389	2,956,947	2,039,403	132,631,731	175,982,198	153,734,703
Bulk transportation	374,386	337,379	4,735,757	225,207	739,117	852,826	7,264,672	8,435,449
Other flying services	-	58,943	-	-	51,022	23,785	133,750	447,843
Total flying services	33,624,591	2,433,845	7,802,146	3,182,154	2,829,542	133,508,342	183,380,620	162,617,995
Non-flying services	364,565	464,544	63,250	4,802	38,238	1,170,406	2,105,805	2,237,754
Total operating revenues	33,989,156	2,898,389	7,865,396	3,186,956	2,867,780	134,678,748	185,486,425	164,855,749
Operating expenses:								
Aircraft operation and maintenance	24,010,675	1,760,594	5,317,458	1,773,481	1,873,881	73,154,350	107,890,439	94,290,343
Ground operation and maintenance	6,368,126	579,882	830,950	678,740	556,257	32,279,038	41,293,013	37,578,266
Traffic	5,427,121	66,505	756,422	299,252	33,714	17,934,718	24,517,732	21,376,157
General administration	2,328,735	242,930	714,334	291,124	236,487	8,232,965	12,046,575	10,781,268
General taxes	190,058	17,168	14,036	13,588	11,330	664,180	910,360	793,218
Total operating expenses	38,324,715	2,667,079	7,633,200	3,056,185	2,711,669	132,265,271	186,658,119	164,819,252
Operating income (or loss)								
Add non-operating income	Dr. 4,335,559	231,310	232,196	130,771	156,111	2,413,477	Dr. 1,171,694	36,497
Gross income	312,455	153,306	388,102	-	39,863	737,218	1,630,944	1,187,866
Deduct interest and other income charges	Dr. 4,023,104	384,616	620,298	130,771	195,974	3,150,695	459,250	1,224,363
Net income before income taxes	337,035	154,931	206,137	-	139,581	2,998,141	3,835,825	3,530,650
Deduct provision for income taxes	Dr. 4,360,139	229,685	414,161	130,771	56,393	152,554	Dr. 3,376,575	Dr. 2,306,287
Net income (or deficit) after income taxes	-	95,700	-	-	5,596	-	101,296	533
	Dr. 4,360,139	133,985	414,161	130,771	50,797	152,554	Dr. 3,477,871	Dr. 2,306,820
Operating ratio	112.8	92.0	97.0	95.9	94.6	98.2	100.6	100.0

(1) C.P.A. consolidated financial statement includes: Domestic and International services.

(2) T.C.A. consolidated financial statement includes: Domestic, trans-border and Atlantic services.

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 11

	Class "B" carriers	Class "C" carriers	Total	Total 1958
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	2,511,676	25,406	2,537,082	1,580,513
Mail	660,567	1,027	661,594	419,571
Freight	1,071,780	12	1,071,792	742,780
Express	68,860	-	68,860	61,543
Excess baggage	80,483	-	80,483	50,319
Total unit toll transportation	4,393,366	26,445	4,419,811	2,854,726
Bulk transportation				
Other flying services	20,717,742	1,669,316	22,387,058	21,123,523
Total flying services	6,176,539	615,580	6,792,119	9,087,476
Non-flying services	31,287,647	2,311,341	33,598,988	33,065,725
Total operating revenues	2,119,049	257,939	2,376,988	2,746,447
	33,406,696	2,569,280	35,975,976	35,812,172
Operating expenses:				
Aircraft operation and maintenance	22,203,521	1,731,061	23,934,582	23,942,165
Ground operation and maintenance	5,101,360	347,062	5,448,422	5,449,115
Traffic	786,293	43,216	829,509	9,849,922
General administration	3,782,176	322,670	4,104,846	4,159,230
General taxes	101,350	13,131	88,219	100,292
Total operating expenses	31,974,700	2,430,878	34,405,578	34,500,724
Operating income (or loss)	1,431,996	138,402	1,570,398	1,311,448
Add non-operating income	256,147	12,360	268,507	299,734
Gross income	1,688,143	150,762	1,838,905	1,611,182
Deduct interest and other income charges	721,176	64,293	785,469	884,460
Net income before income taxes	966,967	86,469	1,053,436	726,722
Deduct provision for income taxes	418,979	44,368	463,347	327,511
Net income (or deficit) after income taxes	547,988	42,101	590,089	399,211
Operating ratio	95.7	94.6	95.6	103.8

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.



CIVIL AVIATION
PRELIMINARY ANNUAL
1960



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

August, 1961
8504-512

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

TABLE OF CONTENTS

Page

Charts:

Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4

Introduction	5
--------------------	---

Tables:

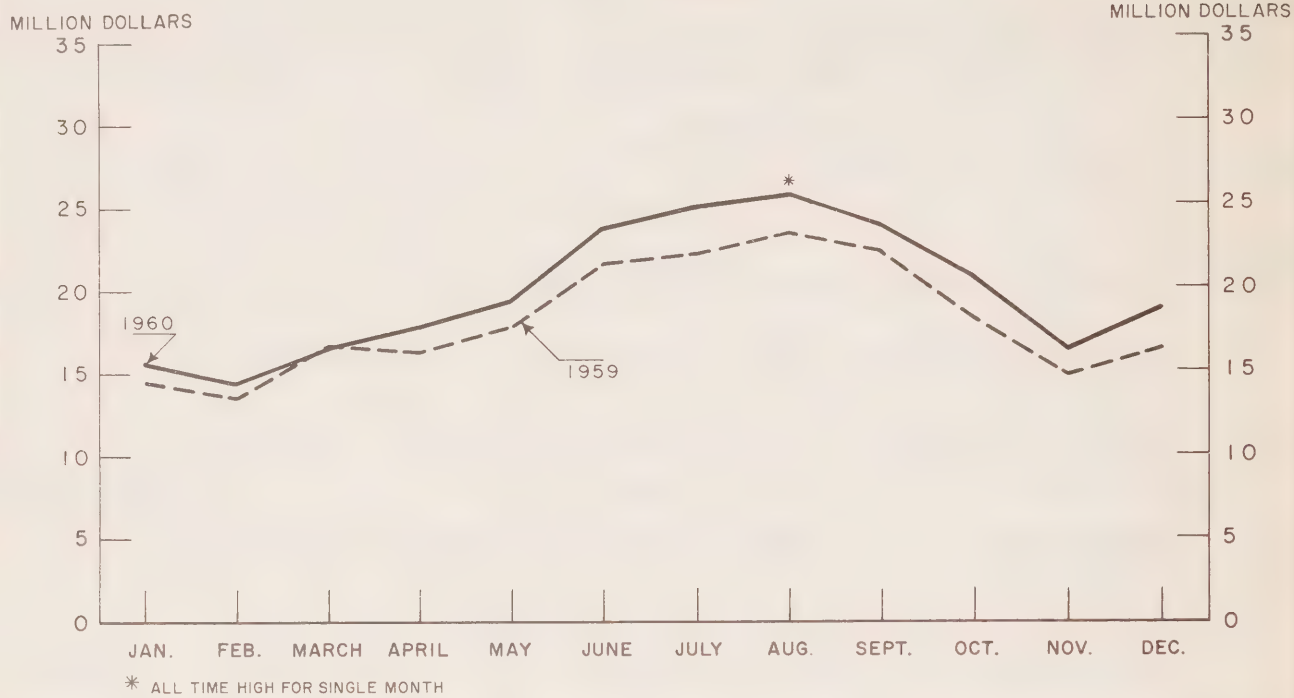
1. Operating Statistics, Canadian and Foreign Carriers - All Services.	6
2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group	8
3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Transportation Statistics, Foreign Carriers - Unit Toll Services, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Revenues and Expenses, Canadian Group V Carriers	17
Civil Aviation Definitions	18

SYMBOLS

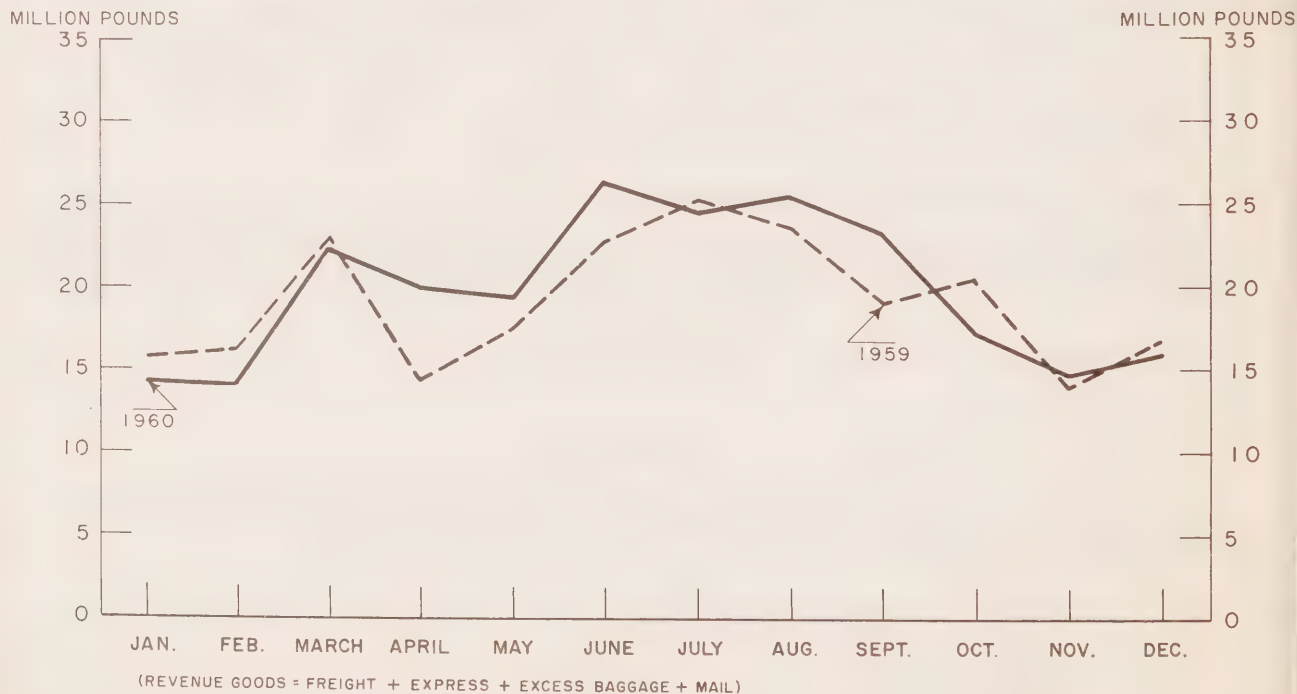
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1959 - 1960



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1959 - 1960



INTRODUCTION

This report presents a summary of monthly statements filed by Canadian Air Carriers and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1960". Data shown in this report are subject to revision.

In 1960, Canadian air carriers have been classified on the basis of gross annual flying revenues for the first time. The five groups of carriers which compose the new classification are defined in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Wheeler Air Lines Ltd., which were classified as Group II carriers by the Air Transport Board, have been included with Group III carriers in this report for statistical purposes.

Data for the Group V carriers which were mainly classified as Class C or Class D carriers previously are presented in tables 10 and 11 only. All other tables exclude the operations of this class of carrier. As a result, the number of reporting carriers shown in table 1 for 1960 is considerably below the corresponding total for 1959. In comparing industry totals for the two years, however, the exclusion of the Group V carriers is relatively insignificant as operating revenues of this class of carrier accounted for only 2.7 per cent of the total operating revenues of the industry in 1960.

The number of revenue passengers transported by Canadian air carriers amounted to 4,726,849 in 1960 as compared with 4,681,264 in 1959 and the volume of revenue goods aggregated 237,986,139 lbs. as against 235,883,141 lbs. In percentage terms, there was an increase of one per cent for both passengers and goods. Revenue miles flown, however, were down 2 per cent to 104,010,423 from 106,107,103. Operating revenues increased 7.7 per cent to \$237,429,895 from \$220,423,558 and operating expenses rose 9 per cent to \$239,205,991 from \$219,487,993. As a result, the operating deficit of \$1,776,096 was substantially greater than the deficit of \$935,565 reported for 1959. The deficit, after provision for income taxes, amounted to \$6,098,635 as compared with \$2,484,178 in the previous year, due mainly to an increase in interest expense which rose to \$9,173,831 from \$4,474,048.

In 1960, 89.2 per cent of all revenue passengers and 48.2 per cent of all revenue goods were carried on unit toll service. Corresponding figures for 1959 were 89.2 per cent and 46.4 per cent, respectively. It should be noted that a complete breakdown of unit toll services into scheduled and non-scheduled services is not possible since some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Data for companies operating helicopters only are shown in table 8. These companies operate approximately 75 per cent of all helicopters in Canada. They reported, in 1960, an operating income of \$521,778 as compared with an operating income of \$571,767 for 1959.

Foreign carriers transported 724,301 revenue passengers and 16,706,880 lbs. of revenue goods in 1960 as against 634,737 passengers and 14,066,974 lbs. of goods in 1959. This represented an increase of 14.1 per cent in the number of passengers and 18.8 per cent in the volume of goods. As in the past, foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual, 1960

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Grand total 1959
	Scheduled carriers	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group I and II(1)	Group III(1)	Group IV				Total		
Number of carriers reporting ..	6	16	61	77	83	10	8	101	201	
Transportation services:										
Unit toll:										
Revenue departures	233,284	12,214	6,153	18,367	251,651	..	..	..	..	384,185
Revenue hours flown	351,484	25,151	6,400	31,551	383,035	6,863	10,019	399,917	..	..
Revenue miles scheduled ..	70,748,702	...	...	...	70,748,702	1,881,034	3,146,358	75,776,094	..	..
Revenue miles flown:										
Scheduled services	71,762,588	...	...	...	71,762,588	1,695,121	3,657,701	77,115,410	..	..
Non-scheduled services ..	4,578,696	3,131,620	753,867	3,885,487	8,464,183	-	-	8,464,183	..	..
Totals	76,341,284	3,131,620	753,867	3,885,487	80,226,771	1,695,121	3,657,701	85,579,593	..	82,155,450
Revenue passengers carried	4,094,080	81,458	42,360	123,818	4,217,898	556,386	156,320	4,930,604	..	4,808,599
Revenue goods carried:										
Cargo	66,369,776	5,604,199	1,720,583	7,324,782	73,694,558	7,460,678	6,376,251	93,989,581	..	87,858,007
Excess baggage	6,138,882	133,199	186,013	319,212	6,458,094	-	-	6,458,094	..	..
Mail	32,830,815	1,529,036	273,288	1,802,324	34,633,139	1,651,547	1,187,468	37,472,154	..	35,558,226
Totals	105,339,473	7,266,434	2,179,884	9,446,318	114,785,791	9,112,225	7,563,719	131,461,735	..	123,416,233
Revenue passenger-miles ...	2,652,134,265	16,328,248	3,414,680	19,742,928	2,671,877,193	30,859,209	144,237,445	2,846,973,847	..	2,495,682,456
Revenue goods ton-miles:										
Cargo	31,687,017	1,827,266	110,903	1,938,169	33,625,186	233,817	3,494,636	39,044,787	..	31,296,521
Excess baggage	1,631,354	52,809	6,985	59,794	1,691,148	-	-	1,691,148	..	..
Mail	13,444,830	251,511	9,750	261,261	13,706,091	42,894	572,381	14,321,366	..	13,682,638
Totals	46,763,201	2,131,586	127,638	2,259,224	49,022,425	276,711	4,067,017	53,366,153	..	44,979,159
Bulk:										
Revenue - Departure	29,152	58,387	98,133	156,520	185,672	..	..	185,672	..	..
Hours flown	31,836	105,608	91,855	197,463	229,299	7	572	229,878	..	259,320
Miles flown	4,396,097	10,037,537	9,350,018	19,387,555	23,783,652	1,951	159,929	23,945,532	..	28,733,802
Passengers carried	60,936	175,915	272,100	448,015	508,951	1,203	10,392	520,546	..	507,402
Freight carried ..	17,973,846	74,022,542	31,203,960	105,226,502	123,200,348	30,936	-	123,231,284	..	126,533,882
Non-transportation services:										
Specialty flying:										
Revenue hours flown	2,676	12,283	61,382	73,665	76,341	-	-	76,341	..	155,022

See footnotes at end of table.

	Canadian carriers						Foreign carriers (2)		Grand total all carriers	Grand total 1959
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No.	70,601	104,286	174,887	437,323	6,870	10,591	706,136	798,527	..
Hours flown	"	143,042	159,637	302,679	688,675	1,697,072	3,817,630	109,525,125	110,889,252	..
Miles flown	"	13,169,157	10,103,885	23,273,042	104,010,423	557,589	166,712	5,451,150	5,316,001	..
Passengers carried	"	257,373	314,460	571,833	4,726,849	7,491,614(6)	6,376,251(6)	217,220,865(6)	214,391,889(6)	..
Cargo carried	lb.	79,626,741	32,924,543	112,551,284	196,894,906	9,143,161	7,563,719	254,693,019	249,950,115	..
Goods carried	"	81,288,976	33,383,844	114,672,820	237,986,139					..
Non-revenue:										
Hours flown	No.	6,646	5,207	11,853	24,156	29	4	24,189	31,711	..
Passengers carried	"	1,334	349	1,683	..	8,954	7,387	..	32,031	..
Goods carried	lb.	238,536	10,201	248,737	..	249,679	811,217	..	9,140,907	..
Passenger-miles	No.	752,537	19,717	772,254	127,072,658	691,246	5,842,917	133,606,821	102,753,571	..
Goods ton-miles	"	88,105	13,768	101,873	5,244,953	22,656	309,838	5,577,447	4,472,346	..
Fuel consumed:										
Turbo fuel - Quantity	gal.	-	-	-	83,126,700	3,331,726	15,520,293	101,978,719	66,282,800	..
Cost	\$	-	-	-	12,218,677	642,973	2,939,106	15,800,756	10,738,333	..
Gasoline - Quantity	gal.	7,373,320	2,674,149	10,047,469	56,235,970	2,726,672	5,515,564	64,478,206	83,895,254	..
Cost	\$	2,918,579	1,174,839	4,093,418	17,659,100	798,407	1,387,464	19,844,971	25,404,120	..
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	-	-	-	17,480	627	745	18,852	22,799	..
Cost	\$	-	-	-	79,828	4,329	7,514	91,671	278,306	..
Other aircraft - Quantity ..	gal.	100,337	45,812	146,149	794,041	30,036	42,035	866,112	1,145,375	..
Cost	\$	149,131	72,756	221,887	821,226	24,897	85,552	931,675	1,031,113	..
Average number of employees:										
Flying personnel	No.	389	248	637	2,885	..	..	..	..	..
Other personnel	"	731	538	1,269	14,195	..	..	..	..	..
Totals	"	1,120	786	1,906	17,080	296	588	17,964	16,565	..
Salaries and wages paid:										
Flying personnel	\$	2,946,870	1,637,510	4,584,380	23,070,977	..	..	..	..	..
Other personnel	\$	3,677,427	2,428,865	6,106,292	71,873,678	..	..	..	..	..
Totals	\$	6,624,297	4,066,375	10,690,672	94,944,655	1,549,934	2,974,596	99,469,185	87,846,765	..

(1) Nordair Ltd., and Wheeler Air Lines Ltd. Included with Group III

(2) carriers for purposes of this report.

(3) See Introduction, page 5, last paragraph.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Except for hours flown these data relate to transportation services only.

(6) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual, 1960

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand Total 1959
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	157,771,630	8,254,821	166,026,451	2,252,940	521,460	2,774,400	168,800,851	152,317,247
Express	2,785,950	614,649	3,400,599	115,976	33,085	149,061	3,549,660	3,630,738
Freight	7,458,922	2,371,147	9,830,069	995,394	71,313	1,066,707	10,896,776	9,201,872
Excess baggage	1,443,662	300,724	1,744,386	60,457	19,669	80,126	1,824,512	1,716,602
Mail	11,998,790	1,090,487	13,089,277	638,378	57,850	696,228	13,785,505	13,437,772
Total unit toll transportation	181,458,954	12,631,828	194,090,782	4,063,145	703,377	4,766,522	198,857,304	180,304,231
Bulk transportation	1,590,880	5,172,217	6,763,097	14,780,675	7,283,053	22,063,728	28,826,825	29,003,250
Total transportation	183,049,834	17,804,045	200,853,879	18,843,820	7,986,430	26,830,250	227,684,129	209,307,481
Specialty flying services	25,814	239,137	264,951	2,386,309	2,381,852	4,768,161	5,033,112	6,491,202
Total flying services	183,075,648	18,043,182	201,118,830	21,230,129	10,368,282	31,598,411	232,717,241	215,798,683
Non-flying services	2,062,529	313,996	2,376,525	1,038,545	1,297,584	2,336,129	4,712,654	4,624,875
Total operating revenues	185,138,177	18,357,178	203,495,355	22,268,674	11,665,866	33,934,540	237,429,895	220,423,558
Operating expenses:								
Flying operations	48,231,939	6,852,085	55,084,024	8,992,697	4,817,821	13,810,518	68,894,542	(2)
Maintenance	45,319,982	3,851,308	49,171,290	5,916,291	2,979,754	8,896,045	58,067,335	(2)
General services and administration:								
Passenger service	14,755,538	319,455	15,074,993	..	..	..	..	(2)
Aircraft and traffic servicing	29,033,348	2,773,455	31,806,803	..	..	..	..	(2)
Promotion and sales	27,673,323	996,158	28,669,481	..	..	..	..	(2)
General administration	7,681,815	1,505,312	9,187,127	..	..	..	..	(2)
Totals	79,144,024	5,594,380	84,738,404	3,724,195	1,775,537	5,499,732	90,238,136	(2)
Depreciation and amortization	16,554,972	1,788,848	18,343,820	2,132,000	1,530,158	3,662,158	22,005,978	(2)
Total operating expenses	189,250,917	18,086,621	207,337,538	20,765,183	11,103,270	31,868,453	239,205,991	219,487,993
Operating income (loss)	Dr. 4,112,740	270,557	Dr. 3,842,183	1,503,491	562,596	2,066,087	Dr. 1,776,096	935,565
Non-operating income - net:								
Capital gains and losses	303,065	255,892	558,957	72,505	138,345	210,850	769,807)
Interest and discounts	4,133,380	174,134	4,307,514	10,670	30,677	41,347	4,348,861)
Miscellaneous non-operating income	357,175	52,277	409,452	35,710	25,577	61,287	470,739)
Income before interest expense	680,880	752,860	1,433,740	1,622,376	757,195	2,379,571	3,813,311	2,698,708
Interest expense	8,104,403	492,160	8,596,563	331,371	245,897	577,268	9,173,831	4,474,048
Income before income taxes	Dr. 7,423,523	260,700	Dr. 7,162,823	1,291,005	511,298	1,802,303	Dr. 5,360,520	Dr. 1,775,340
Provision for income taxes	7,839	107,599	115,438	584,566	38,111	622,677	738,115	708,838
Net income after income taxes	Dr. 7,431,362	153,101	Dr. 7,278,261	706,439	473,187	1,179,626	Dr. 6,098,635	Dr. 2,484,178

(2) Not available due to a difference included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services by Company

Preliminary Annual, 1960

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Operating revenues:							
Unit toll transportation:							
Passengers	30,175,936	1,203,530	2,760,094	2,824,293	1,466,904	127,595,694	166,026,451
Express	199,073	-	170,999	423,983	19,667	2,586,877	3,400,599
Freight	2,114,489	1,306,271	781,633	-	283,243	5,344,433	9,830,069
Excess baggage	311,933	24,920	142,289	103,902	29,613	1,131,729	1,744,386
Mail	1,754,598	244,773	521,295	126,726	197,693	10,244,192	13,089,277
Total unit toll transportation	34,556,029	2,779,494	4,376,310	3,478,904	1,997,120	146,902,925	194,090,782
Bulk transportation	1,109,822	289,959	3,997,968	112,309	771,981	481,058	6,763,097
Total transportation	35,665,851	3,069,453	8,374,278	3,591,213	2,769,101	147,383,983	200,853,879
Specialty flying services	-	-	184,627	-	54,510	25,814	264,951
Total flying services	35,665,851	3,069,453	8,558,905	3,591,213	2,823,611	147,409,797	201,118,830
Non-flying services	485,800	175,665	89,615	11,496	37,220	1,576,729	2,376,525
Total operating revenues	36,151,651	3,245,118	8,648,520	3,602,709	2,860,831	148,986,526	203,495,355
Operating expenses:							
Flying operations	13,381,841	1,062,089	3,425,803	1,286,558	1,077,635	34,850,098	55,084,024
Maintenance	8,287,200	596,546	1,438,686	956,722	859,354	37,032,782	49,171,290
General services and administrations:							
Passenger service	3,182,662	95,202	126,386	61,683	36,184	11,572,876	15,074,993
Aircraft and traffic servicing	5,656,300	414,190	1,994,415	241,772	123,078	23,377,048	31,806,803
Promotion and sales	5,873,291	73,564	272,448	427,844	222,302	21,800,032	28,669,481
General administration	2,052,006	292,460	756,211	260,455	196,186	5,629,809	9,187,127
Totals	16,764,259	875,416	3,149,460	991,754	577,750	62,379,765	84,738,404
Depreciation and amortization	2,883,669	417,935	803,526	373,973	193,394	13,671,303	18,343,820
Total operating expenses	41,316,969	2,952,006	8,817,475	3,609,007	2,708,133	147,933,948	207,337,538
Operating income (loss)	Dr. 5,165,318	293,112	Dr. 168,955	Dr. 6,298	152,698	1,052,578	Dr. 3,842,183
Non-operating income - net:							
Capital gains and losses	86,770	315,507	Dr. 67,356	Dr. 3,135	10,876	216,295	558,957
Interest and discounts	82,390	166,422	-	13	5,699	4,050,990	4,307,514
Miscellaneous non-operating income	179,083	14,254	37,174	600	249	178,092	409,452
Income before interest expense	Dr. 4,817,075	791,295	Dr. 199,137	Dr. 8,820	169,522	5,497,955	1,433,740
Interest expense	6,937	110,365	129,774	126,623	125,398	8,097,466	8,596,563
Income before income taxes	Dr. 4,824,012	680,930	Dr. 328,911	Dr. 135,443	44,124	Dr. 2,599,511	Dr. 7,162,823
Provision for income taxes	-	47,599	60,000	-	-	7,839	115,438
Net income after income taxes	Dr. 4,824,012	633,331	Dr. 388,911	Dr. 135,443	44,124	Dr. 2,607,350	Dr. 7,278,261

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1960

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services									
Unit toll:									
Revenue departures	No.	19,206	168,569	187,775	8,687	14,310	14,456	8,056	45,509
Revenue hours flown	"	45,018	258,960	303,978	9,418	17,346	11,359	9,383	47,506
Revenue miles scheduled	"	11,470,397	56,100,171	67,570,568	321,317	1,084,570	1,452,689	319,558	3,178,134
Revenue miles flown:									
Scheduled services - Regular	"	11,253,929	54,834,843	66,088,772	295,465	1,008,272	1,176,283	312,958	2,792,978
Extra section	"	200,000	2,393,666	2,628,727	20,081	43,471	121,090	67,460	252,111
Non-scheduled services	"	498,490	498,490	498,490	1,262,731	1,426,135	525,494	865,846	4,080,206
Totals	"	11,987,480	57,726,999	69,215,989	3,578,277	2,477,878	1,822,867	1,246,273	7,125,295
Ratio of regular miles flown to miles scheduled		98.1	97.7	97.7	92.0	93.0	81.0	97.9	97.9
Revenue passengers carried	No.	336,072	3,443,275	3,779,347	56,601	120,259	118,151	41,776	336,787
Revenue goods carried:									
Express	lb.	791,582	8,158,093	8,949,675	-	395,111	3,099,794	120,896	3,615,801
Freight	"	1,111,400	16,217,363	16,217,363	14,443,470	5,025,577	-	1,718,191	18,887,038
Excess baggage	"	548,984	4,193,438	4,742,422	150,758	372,371	755,394	117,947	1,396,460
Mail	"	1,949,254	26,700,774	28,649,028	1,444,309	1,617,698	1,024,504	606,276	4,590,785
Totals	"	6,922,316	69,927,073	76,849,389	13,636,337	7,416,757	4,879,692	2,363,263	28,490,084
Revenue passenger-miles:									
Scheduled services	No.	505,433,621	2,040,877,297	2,546,310,918	3,443,305	13,751,650	23,156,255	6,009,234	46,582,444
Non-scheduled services	"	13,137,634	13,137,634	13,137,634	8,952,558	19,043,824	7,925,349	10,181,538	46,103,269
Totals	"	518,571,255	2,054,014,931	2,560,448,552	12,447,863	32,795,474	31,081,604	16,190,772	92,685,713
Available seat-miles on scheduled services	"	892,031,410	3,099,261,603	3,991,310,016	8,204,170	28,097,061	43,952,258	-	-
Passenger load factor on scheduled services		56.7	65.6	65.6	44.7	48.9	52.7	-	-
Revenue goods ton-miles:									
Express - Scheduled services	No.	221,349	2,886,829	3,108,178	-	1,613	268,633	10,152	280,398
Non-scheduled services	"	9,299	9,299	9,299	-	126,349	125,038	29,547	280,934
Totals	"	230,648	2,896,128	3,117,477	-	127,962	393,671	39,699	561,332
Freight - Scheduled services	"	5,977,928	17,904,164	23,281,893	26,485	46,464	-	9,546	82,495
Non-scheduled services	"	19,637	19,637	19,637	2,937,887	1,409,136	-	277,159	4,624,182
Totals	"	5,397,165	18,406,341	23,301,530	2,964,372	1,455,600	-	286,705	4,706,677

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - concluded:									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	342,245	1,047,566	1,389,811	3,114	16,519	68,556	8,251	96,440	1,486,251
Non-scheduled services	6,231		6,231	20,910	54,304	32,457	21,201	138,872	145,103
Totals	348,476	1,047,566	1,396,042	24,024	80,823	101,013	29,452	235,312	1,631,354
Mail - Scheduled services	1,288,846	11,336,188	12,625,034	45,392	10,736	76,908	23,412	156,448	12,781,482
Non-scheduled services	43,973		43,973	96,098	447,258	11,638	64,381	619,375	663,448
Totals	1,332,819	11,336,188	12,669,007	141,490	458,994	88,546	87,793	775,823	13,444,830
Total - Scheduled services	7,229,968	33,174,949	40,404,917	74,991	75,332	414,097	51,361	500,176	41,020,698
Non-scheduled services	79,140		79,140	3,054,895	2,047,047	169,133	392,288	5,651,763	5,742,503
Totals	7,309,108	33,174,949	40,484,057	3,129,886	2,122,379	583,230	443,649	6,279,146	46,763,201
Available ton-miles on scheduled services	110,523,947	401,117,114	511,641,061	832,435	2,858,158	4,698,798	1,257,669	9,647,060	511,298,421
Weight load factor on scheduled services (2)	52.3	59.1	59.1	33.0	50.7	58.1	51.9	...	...
Bulk:									
Revenue - Departures . No.	105	483	588	600	20,740	671	6,542	28,553	29,152
Hours flown	1,439	1,082	2,521	1,074	22,041	589	5,611	29,315	31,836
Miles flown	398,310	228,064	626,374	183,814	2,830,147	85,921	669,841	3,769,723	4,396,097
Passengers carried	7,310	11,934	19,244	4,568	28,908	1,466	5,750	41,692	60,936
Freight carried	-	359,660	359,660	1,107,505	11,196,181	1,077,415	4,233,085	17,614,186	17,973,846
Non-transportation services									
Specialty flying:									
Revenue hours flown	-	111	111	-	2,366	-	199	2,565	2,576
Total - All services									
Traffic: (3)									
Revenue:									
Departures . No.	19,311	169,063	188,374	9,287	35,050	15,127	14,598	74,062	262,436
Hours flown	46,457	260,153	306,610	10,492	41,793	11,948	15,193	79,386	385,996
Miles flown	12,385,790	57,456,573	69,842,363	1,762,091	5,308,025	1,908,788	1,916,114	10,895,018	80,737,381
Passengers carried	343,382	3,433,155	3,776,537	61,169	149,167	119,617	48,526	378,479	4,155,016
Cargo carried	4,424,078	39,802,519	44,226,597	13,250,775	16,616,869	4,177,209	6,072,172	40,117,025	84,343,622
Goods carried	6,922,316	70,286,733	77,209,049	14,743,842	18,606,938	5,957,107	6,796,383	46,104,270	123,313,319

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual, 1960

	Group I carriers			Group II carriers					Grand (1) total
	Canadian Pacific Air Lines	Trans- Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	2,428	6,206	8,634	275	2,054	823	517	3,669	12,303
Passengers carried	10,135	..	..	1,805	2,131	1,645	1,146	6,727	..
Goods carried	1,070,959	..	..	636,927	245,022	-	107,395	989,344	..
Passenger-miles	20,641,728	103,129,903	123,771,631	573,982	850,832	410,725	693,234	2,528,773	126,300,404
Goods ton-miles	1,602,623	3,212,938	4,815,561	144,953	148,157	-	34,409	327,519	5,143,080
Fuel consumed:									
Turbo fuel - Quantity	16,330,352	65,042,327	81,372,679	448,338	-	1,305,683	-	1,754,021	83,126,700
Cost	2,902,914	8,916,008	11,818,922	106,694	-	293,061	-	399,755	12,218,677
Gasoline - Quantity	6,738,921	33,205,741	39,944,662	1,192,799	3,392,495	594,536	1,064,009	6,243,839	46,188,501
Cost	2,075,664	8,896,983	10,972,647	377,666	1,497,782	213,770	503,817	2,593,035	13,565,682
Oil consumed:									
Turbo aircraft - Quantity	4,388	12,449	16,837	93	-	550	-	643	17,480
Cost	41,821	29,848(4)	71,669	1,165	-	6,994	-	8,159	79,828
Other aircraft - Quantity	89,211	481,428	570,639	14,876	40,713	7,043	14,621	77,253	647,892
Cost	116,772	395,219	511,991	14,206	50,360	8,161	14,621	87,348	599,339
Average number of employees:									
Flying personnel	414	1,591	2,005	33	120	46	44	243	2,248
Other personnel	2,269	9,604	11,873	153	508	230	162	1,053	12,926
Totals	2,683	11,195	13,878	186	628	276	206	1,296	15,174
Salaries and wages paid:									
Flying personnel	3,708,192	13,070,977	16,779,169	280,688	984,828	289,889	317,003	1,872,408	18,651,577
Other personnel	10,641,358	50,801,531	61,442,889	774,112	2,296,002	958,158	681,738	4,710,010	66,152,899
Totals	14,349,550	63,872,508	78,222,058	1,054,800	3,280,830	1,248,047	998,741	6,582,418	84,804,476

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

(4) Includes adjustment for reclaimed oil.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1960

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	275,541	51,422	116,311	117,967	36,224	2,930,990	3,528,455
Foreign interline	29,892	5,179	-	184	-	490,231	554,344
Totals (2)	28,858	-	-	-	-	3,421,221	4,082,799
Revenue express carried:							
Originated	791,582	-	395,111	3,099,794	120,896	8,158,093	12,565,476
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	791,582	-	395,111	3,099,794	120,896	8,158,093	12,565,476
Revenue freight carried:							
Originated	2,449,875	6,172,419	4,891,062	-	545,645	31,284,766	45,343,767
Domestic interline	147,248	4,247	-	-	-	-	151,495
Foreign interline	629,147	-	-	-	-	-	629,147
Totals (2)	3,226,270	6,176,666	4,891,062	-	545,645	31,284,766	46,124,409
Revenue excess baggage carried:							
Originated	491,395	147,463	367,352	755,394	99,703	3,886,032	5,747,339
Domestic interline	28,592	3,304	-	-	-	29,439	61,335
Foreign interline	27,170	-	-	-	-	277,967	305,137
Totals (2)	547,157	150,767	367,352	755,394	99,703	4,193,438	6,113,811
Revenue mail carried:							
Originated	1,949,254	1,342,309	1,590,210	1,024,504	208,471	26,290,776	32,405,524
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	1,949,254	1,342,309	1,590,210	1,024,504	208,471	26,290,776	32,405,524

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board. (2) Excludes division interline.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

Preliminary Annual, 1960

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	31,783	5,014	3,305	1,294	41,396	146,379	187,775
Revenue hours flown	53,807	26,097	14,060	9,187	103,151	200,827	303,978
Revenue miles scheduled	11,156,964	7,804,022	3,446,524	2,804,493	25,212,003	42,358,565	67,570,568
Revenue miles flown:							
Scheduled services - Regular	10,784,509	7,656,842	3,431,920	2,738,469	24,611,740	41,477,032	66,088,772
Extra sections	564,918	221,084	108,650	35,773	930,425	1,698,302	2,628,727
Non-scheduled services	-	-	-	-	-	498,490	498,490
Totals	11,349,427	7,877,926	3,540,570	2,774,242	25,542,165	43,673,824	69,215,989
Ratio of regular miles flown to miles scheduled	96.7	98.1	99.6	97.6	97.6	97.9	97.8
Revenue passenger-miles	340,544,630	454,594,806	115,743,663	111,148,998	1,022,032,097	1,537,416,455	2,559,448,552
Available seat-miles on scheduled services	503,407,318	724,573,420	228,781,024	215,776,798	1,672,538,560	2,314,780,458	3,987,319,018
Passenger load factor on scheduled services	67.6	62.7	50.6	51.5	61.1	65.8	63.9
Revenue goods ton-miles:							
Express	440,221	-	-	-	440,221	2,677,256	3,117,477
Freight	1,753,752	5,827,042	888,674	2,504,446	10,973,914	12,327,617	23,301,531
Excess baggage	221,686	204,767	122,813	57,462	606,728	789,314	1,396,042
Mail	401,258	2,033,186	251,601	601,566	3,287,611	9,381,396	12,669,007
Totals	2,816,917	8,064,995	1,263,088	3,163,474	15,308,474	25,175,583	40,484,057
Available ton-miles on scheduled services	58,576,443	85,904,877	28,594,158	27,175,119	200,250,597	311,390,464	511,641,061
Weight load factor on scheduled services (1)	62.9	62.3	44.9	52.5	58.7	57.0	57.7

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

Preliminary Annual, 1960

	Revenue hours	Revenue earned
	No.	\$
Flying training	42,245	683,410
Recreational flying	6,755	135,685
Aerial photography and survey	7,468	1,410,129
Aerial photography (excl. survey)	1,606	129,400
Aerial pest control	2,069	817,365
Aerial advertising	109	6,044
Aerial patrol and inspection	11,189	1,093,340
Philanthropic	87	Dr. 866
Aerial fish cultivation	54	4,014
Geophysical survey	4,125	583,285
Non-transportation charter	359	45,789
Other specialty flying	275	37,337
Total specialty flying	76,341	4,944,932

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

Preliminary Annual, 1960

	1960	1959
Revenue hours flown	44,388	56,116
Average number of aircraft	102	110
Average number of employees:		
Flying personnel	185	..
Other personnel	139	..
Totals	324	331
Salaries and wages paid:		
Flying personnel	1,151,855	..
Other personnel	828,103	..
Totals	1,979,958	2,140,634
Operating revenues:		
Bulk transportation	5,248,536	4,172,502
Other flying services	213,213	1,260,328
Non-flying services	345,590	248,447
Totals	5,807,339	5,681,277
Operating expenses:		
Flying operations	2,168,091	(1)
Maintenance	1,283,633	(1)
General services and administration	842,882	(1)
Depreciation and amortization	990,955	(1)
Totals	5,285,561	5,109,510
Operating income (Loss)	521,778	571,767
Net income (deficit) after income taxes	451,113	402,151

(1) Not available due to a different classification.

TABLE 9. Transportation Statistics, Foreign Carriers - Unit Toll Services, by Area of Service
Preliminary Annual, 1957-1960

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	Total
	number											
Revenue passengers carried:												
1957	251,481	255,716	507,197	24,819	42,265	67,084	3,230	3,443	6,673	279,530	301,424	580,954
1958	221,949	215,795	437,744	36,605	48,980	85,585	2,625	2,086	4,711	261,179	266,861	528,040
1959	264,431	250,480	514,911	47,939	61,666	109,605	2,583	2,328	4,911	314,953	314,474	629,427
1960	282,726	273,917	556,643	68,298	80,327	148,625	3,817	3,621	7,438	354,841	357,865	712,706
Revenue freight, express and excess baggage carried:												
	lbs.											
1957	882,821	5,976,204	6,859,025	309,213	1,230,177	1,539,390	49,362	32,382	81,744	1,241,396	7,238,763	8,480,159
1958	745,699	5,441,152	6,186,851	495,693	1,619,200	2,114,893	26,164	12,033	38,197	1,267,556	7,072,385	8,339,941
1959	1,078,732	6,325,130	7,403,862	653,974	2,873,447	3,527,421	41,090	17,450	58,540	1,773,796	9,216,027	10,989,823
1960	1,175,118	6,385,074	7,560,192	1,115,845	5,084,525	6,200,370	64,674	11,693	76,367	2,355,637	11,481,292	13,836,929
Mail carried:												
1957	428,183	1,068,307	1,496,490	39,671	621,245	660,916	1,571	4,965	6,536	469,425	1,694,517	2,163,942
1958	438,353	927,611	1,365,964	35,980	805,799	841,779	4,597	5,769	10,366	478,930	1,739,179	2,218,109
1959	520,026	1,084,697	1,604,723	48,937	949,381	998,318	3,817	5,810	9,627	572,780	2,039,888	2,612,668
1960	542,404	1,109,162	1,651,566	353,108	930,512	1,283,620	6,960	4,211	11,171	902,472	2,043,885	2,946,357

TABLE 10. Operating Statistics, Canadian Group V Carriers
Preliminary Annual, 1960

	Quantity
Number of reporting carriers	179
Bulk transportation:	
Revenue hours flown	No. 53,106
Revenue passengers carried	" 102,061
Revenue goods carried	lb. 6,945,559
Specialty flying services:	
Revenue hours flown:	
Flying training	No. 56,976
Recreational flying	" 13,477
Aerial photography and survey	" 100
Aerial photography (excl. survey)	" 136
Aerial pest control	" 4,587
Aerial advertising	" 47
Aerial patrol and inspection	" 5,118
Philanthropic	" -
Aerial fish cultivation	" -
Geophysical survey	" 1,532
Non-transportation charter	" 1,756
Other specialty flying	" 3,430
Total specialty flying services	" 87,159
Total - All services:	
Revenue hours flown	" 140,265
Non-revenue hours flown	" 8,401

TABLE 11. Revenues and Expenses, Canadian Group V Carriers
Preliminary Annual, 1960

	Value
	dollars
Operating revenues:	
Bulk transportation	2,660,513
Specialty flying services	2,070,263
Total flying services	4,730,776
Non-flying services	1,769,310
Total operating revenues	6,500,086
Operating expenses:	
Flying operations	2,630,771
Maintenance	1,181,924
General services and administration	1,694,444
Depreciation	853,574
Total operating expenses	6,360,713
Operating income (loss)	139,373
Non-operating income - net	Dr. 24,694
Income before income taxes	114,679
Provision for income taxes	64,184
Net income after income taxes	50,495

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus two major transport carriers: Nordair Ltd. and Wheeler Air Lines Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

CATALOGUE No.

51-201

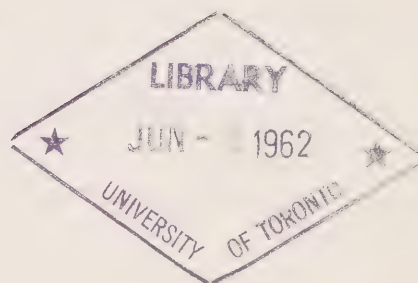
ANNUAL



Canada. Statistics, Bureau of

CIVIL AVIATION
PRELIMINARY ANNUAL

1961



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

May, 1962
8504-512

Price 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

TABLE OF CONTENTS

Page

Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Introduction	5
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Transportation Statistics, Foreign Carriers, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Statement of Income, Canadian Group V Carriers	17
Civil Aviation Definitions	18

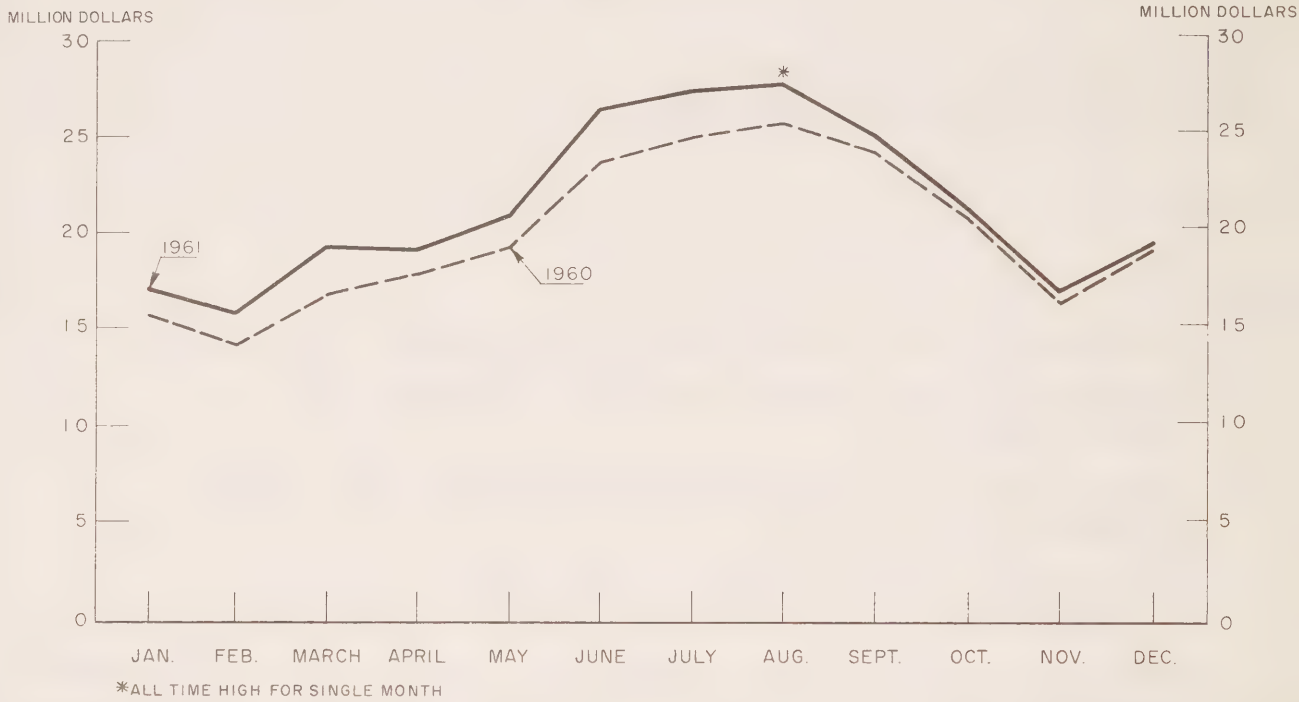
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

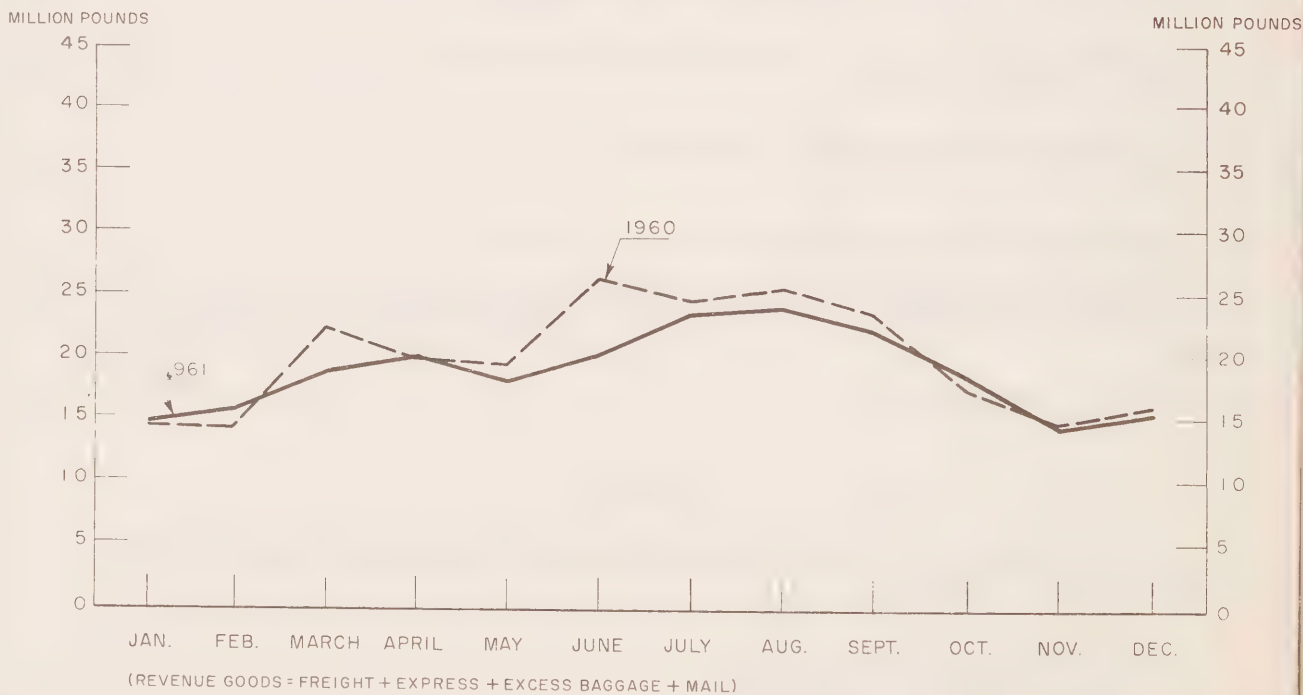
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

This report presents a summary of monthly statements filed by Canadian air carriers and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1961". Data shown in this report are subject to revision.

In 1961, Canadian air carriers transported 4.7 per cent more revenue passengers, while the volume of revenue goods handled dropped 3 per cent. Passengers carried increased to 4,949,283 from 4,727,415 while revenue goods flown excluding Group I excess baggage decreased to 227,709,181 lbs. from 234,744,383 lbs. Revenue miles flown declined 6.2 per cent to 97,523,882 from 104,185,023. Operating revenues rose 8.2 per cent to \$255,210,765 from \$235,973,562 and operating expenses increased 8.3 per cent to \$257,356,593 from \$237,714,284. As a result the operating loss for the year amounted to \$2,145,828 as compared to \$1,740,722. The deficit, after provision for income taxes and other charges nearly doubled, amounting to \$12,533,467 as compared with that of \$6,450,886 in 1960.

A total of 4,542,226 or 91.8 per cent of all revenue passengers and 117,526,411 lbs. or 51.4 per cent of all revenue goods were carried on unit toll service during the year under review. During 1960, 4,218,431 revenue passengers or 89.2 per cent of the total and 114,785,791 lbs. of revenue goods or 48.2 per cent of the total were carried in this type of service. Unit toll traffic on both the domestic and the international services of the Group I carriers is shown in Table 6. Figures for passengers and freight are somewhat higher than those shown in Table 4 for the same carriers, because they include some division interline traffic excluded from company totals in Table 4. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In 1961 the six scheduled carriers transported 4,456,448 revenue passengers or 90 per cent of the total number carried and 126,776,367 lbs. of revenue goods or 55.4 per cent of the total. Comparable figures for 1960 were 4,155,016 revenue passengers or 87.9 per cent of the total and 123,313,319 lbs. of revenue goods or 51.8 per cent of the total. The scheduled carriers also accounted for 86.6 per cent of the operating revenues and 87.7 per cent of the operating expenses reported by Canadian air carriers.

Data for companies flying helicopters only are shown in Table 8. These companies operate approximately 75 per cent of all commercial helicopters in Canada. During 1961 they flew a total of 48,673 revenue hours and reported operating revenues of \$6,555,654 while operating expenses amounted to \$6,128,833. The resulting operating income of \$426,821 compares with that of \$521,778 recorded in 1960.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information presented in these two tables is excluded from all other tables of the report. During 1961 these carriers transported 143,537 revenue passengers and 10,008,916 lbs. of revenue goods. The operating revenues of this group of carriers amounted to \$8,178,924, which was only 3.1 per cent of the total operating revenues of the industry in 1961.

Foreign carriers transported 789,680 revenue passengers in 1961 as compared with 724,301 in 1960, an increase of 9 per cent, while the volume of revenue goods flown rose to 21,991,694 lbs. from 16,706,880 lbs., an increase of 31.6 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual, 1961

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Grand total 1960
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	21	58	79	85	9	8	102	101
Transportation services:									
Unit toll:									
Revenue departures	211,420	29,585	10,100	39,685	251,105				
Revenue miles scheduled ..	289,769	31,154	6,466	37,620	327,389	6,000	10,665	344,054	400,063
Revenue miles flown	66,715,675	...	...	...	66,715,675	1,568,999	3,778,143	72,062,817	76,967,173
Scheduled services	67,668,058(4)	...	...	...	67,668,058(4)	1,476,885	3,985,166	73,130,109(4)	78,384,917(4)
Unscheduled services ..	71,257,552	3,899,999	828,672	4,728,671	76,057,551	1,476,885	3,985,166	81,448,274	85,599,105
Totals	4,394,205	101,071	46,920	148,021	4,542,226	576,899	190,110	5,309,195	4,931,137
Revenue goods carried:									
Carried	1,091,355(7)	200,688	232,555	433,243	1,524,598(7)	8,353,426	10,209,788	99,328,554(7)	93,989,581
Carried	33,822,455	1,629,521	276,728	1,906,249	35,728,704	1,743,276	1,531,832	39,003,812	37,578,496
Totals	106,515,314	8,259,937	1,718,793	9,978,730	116,494,044	10,096,702	11,741,620	138,332,366	131,569,077
Revenue passengers-carried ..	1,110,470,498	1,354,610	3,634,974	28,979,587	3,157,450,285	27,830,338	167,356,289	3,352,636,912	3,847,022,735
Revenue passengers-carried ..	34,969,180	1,726,064	383,887	2,109,951	37,079,131	224,412	3,748,011	42,473,122	39,044,787
Revenue passengers-carried ..	1,355,296	55,621	11,651	67,272	1,422,568	33,725	728,409	14,855,576	14,321,366
Totals	50,102,068	2,050,699	442,374	2,493,073	52,595,141	258,137	8,476,420	57,329,698	53,366,153
Revenue - Departure	23,011	86,329	103,338	189,667	212,678				
Hours flown	27,363	127,314	87,925	215,239	242,602	9	1,021	243,632	231,249
Hours flown	3,999,039	9,294,112	8,244,508	17,538,620	21,537,659	1,963	294,258	21,833,480	24,100,620
Passengers carried ..	62,243	168,163	176,651	344,814	407,057	1,088	31,433	429,568	520,579
Freight carried .. lb.	19,228,686	67,193,699	24,792,752	91,986,451	111,215,137		153,372	111,368,509	123,231,284
Capacity flying:									
Capacity flying:	4,220	20,576	49,466	70,042	74,262			74,262	81,059

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual, 1961

	Canadian carriers						Foreign carriers (%)	Grand total all carriers	Grand total 1960	
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers				Total Canadian carriers				
		Group III(1)								
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No.	234,431	115,914	113,438	229,352	463,783	..	..	661,948	712,371
Hours flown	"	321,352	179,044	143,857	322,901	644,253	6,009	11,686	103,699,725	109,699,725
Miles flown	"	75,256,591	13,194,111	9,073,180	22,267,291	97,523,882	4,788,448	4,279,424	5,738,963	5,451,716
Passengers carried	"	4,456,448	269,234	223,601	492,835	4,949,283	577,947	211,733	210,697,063(6)	217,220,865(6)
Cargo carried	lb.	90,830,190	73,623,427	26,002,262	99,625,689	190,455,879	353,426(6)	10,363,160(6)	249,700,875	254,800,361
Goods carried	"	125,744,000	75,453,636	26,511,545	101,965,181	227,709,181	10,096,702	11,894,992		
Non-revenue:										
Hours flown	No.	12,660	11,359	4,777	16,136	28,796	83	7	28,886	24,284
Passengers carried	"	..	2,187	312	2,499	..	8,547	8,643	..	..
Goods carried	lb.	..	316,872	8,585	325,457	..	194,221	1,009,221	..	..
Passenger-miles	No.	147,266,649	1,235,996	14,476	1,250,472	148,517,121	471,068	7,025,804	156,013,993	133,606,821
Goods ton-miles	"	5,782,046	179,649	3,540	183,189	5,965,235	9,193	359,044	6,333,472	5,577,447
Fuel consumed:										
Turbo fuel - Quantity	gal.	143,816,304	-	-	-	143,816,304	4,052,081	24,709,185	172,577,570	101,978,719
Cost	\$	20,149,842	-	-	-	20,149,842	694,452	4,350,604	25,194,898	15,800,756
Gasoline - Quantity	gal.	21,151,958	7,990,861	2,191,537	10,182,398	31,334,356	1,617,467	2,486,581	35,438,404	64,541,429
Cost	\$	6,703,011	3,200,343	955,127	4,155,470	10,858,481	486,766	620,358	11,965,605	19,877,585
Oil consumed:										
Turbo aircraft - Quantity	gal.	33,460	-	-	-	33,460	319	1,172	34,951	18,852
Cost	\$	313,164	-	-	-	313,164	2,335	10,990	326,489	91,671
Other aircraft - Quantity	gal.	289,813	113,090	38,700	151,790	441,603	7,973	25,665	475,241	866,823
Cost	\$	266,065	143,996	52,326	196,322	462,387	5,984	20,899	489,270	937,800
Average number of employees:										
Flying personnel	No.	2,183	461	234	695	2,878	..	..	..	..
Other personnel	"	13,489	813	508	1,321	14,810	..	..	..	..
Totals	"	15,672	1,274	742	2,016	17,688	274	771	18,733	17,990
Salaries and wages paid:										
Flying personnel	\$	19,057,464	3,833,441	1,563,458	5,396,899	24,454,363	..	..	..	..
Other personnel	\$	71,224,950	4,063,476	2,396,668	6,460,144	77,685,094	..	..	..	..
Totals	\$	90,282,414	7,896,917	3,960,126	11,857,043	102,139,457	1,538,362	3,759,971	107,437,790	100,175,339

- (1) Nordair Ltd. included with Group III carriers for purposes of this report.
- (2) See Introduction, page 5, last paragraph.
- (3) Includes fifth freedom traffic between United States and Canada.
- (4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.
- (5) Except for hours flown these data relate to transportation services only.
- (6) Includes excess baggage.
- (7) Excludes Group I excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total 1960
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total	
	dollars						
Operating revenues:							
Unit toll transportation:							
Passengers	175,403,235	8,061,410	183,464,645	2,880,934	602,946	3,483,880	168,718,891
Express	3,017,481	509,880	3,527,361	91,686	41,049	132,735	3,501,806
Freight	7,680,484	2,210,302	9,890,786	967,596	57,550	1,025,146	10,828,562
Excess baggage	1,029,151	218,014	1,247,165	68,258	15,699	83,957	1,847,304
Mail	11,945,786	1,143,537	13,089,323	722,252	65,617	787,869	13,794,133
Total unit toll transportation	199,076,137	12,143,143	211,219,280	4,730,726	782,861	5,513,587	198,690,696
Bulk transportation	2,186,338	4,140,506	6,326,844	14,472,198	6,686,783	21,158,981	27,199,779
Total transportation	201,262,475	16,283,649	217,546,124	19,202,924	7,469,644	26,672,568	225,890,475
Other flying services	22,039	368,744	390,783	3,365,785	1,376,344	4,742,129	5,336,357
Total flying services	201,284,514	16,652,393	217,936,907	22,568,709	8,845,988	31,414,697	249,351,604
Non-flying services	2,451,980	571,806	3,023,786	678,928	2,156,447	2,835,375	4,746,730
Total operating revenues	203,736,494	17,224,199	220,960,693	23,247,637	11,002,435	34,250,072	235,973,562
Operating expenses:							
Flying operations	53,115,177	6,362,886	59,478,063	9,682,974	4,293,055	13,976,029	68,121,782
Maintenance	42,974,440	4,321,617	47,296,057	6,160,729	2,358,338	8,519,067	58,257,948
General services and administration:							
Passenger service	17,113,011	441,493	17,554,504	..	..	..	..
Aircraft and traffic	31,546,648	2,341,299	33,887,947	..	..	..	..
Promotion and sales	31,434,350	986,272	32,420,622	..	..	..	..
General administration	8,810,618	1,239,522	10,050,140	..	..	..	..
Totals	88,904,627	5,008,586	93,913,213	3,975,143	1,709,864	5,685,007	89,671,458
Depreciation and amortization	23,092,280	1,845,894	24,938,174	2,271,170	1,279,813	3,550,983	21,663,096
Total operating expenses	208,086,524	17,538,983	225,625,507	22,090,016	9,641,070	31,731,086	237,714,284
Operating income (loss)	Dr. 4,350,030	Dr. 314,784	Dr. 4,664,814	1,157,621	1,361,365	2,518,986	Dr. 1,740,722
Non-operating income - net:							
Capital gains and losses	Dr. 698,637	30,652	Dr. 667,985	115,314	16,915	132,229	706,886
Interest and discounts	1,733,159	164,345	1,897,504	19,186	14,184	33,370	4,347,575
Miscellaneous non-operating income	Dr. 240,679	125,663	Dr. 115,016	Dr. 88,836	25,006	Dr. 63,830	401,367
Income before interest expense	Dr. 3,556,187	5,876	Dr. 3,550,311	1,203,285	1,417,470	2,620,755	3,715,106
Interest expense	10,511,333	433,373	10,944,706	426,169	132,839	559,008	9,155,066
Income before income taxes	Dr. 14,067,520	Dr. 427,497	Dr. 14,495,017	777,116	1,284,631	2,061,747	Dr. 5,439,960
Provision for income taxes	Gr. 5,229	58,751	53,522	10,549	36,126	46,675	1,010,926
Net income after income taxes	Dr. 14,062,291	Dr. 486,248	Dr. 14,548,539	766,567	1,248,505	2,015,072	Dr. 6,450,886

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1960
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	32,101,793	1,186,781	2,626,159	2,579,381	1,669,089	143,301,442	183,464,645	166,008,907
Express	179,434	-	135,743	354,063	20,074	2,838,047	3,527,361	3,368,640
Freight	2,071,416	1,278,296	665,165	-	266,841	5,609,068	9,890,786	9,823,639
Excess baggage	256,294	18,346	98,976	73,932	26,760	1,247,165	1,776,395	1,776,395
Mail	1,699,851	256,959	519,291	153,947	213,340	10,245,935	13,089,323	13,089,276
Total unit toll transportation	36,308,788	2,740,382	4,045,334	3,161,323	2,196,104	162,767,349	211,219,280	194,066,857
Bulk transportation	1,451,606	141,772	2,083,683	18,769	1,896,282	734,732	6,326,844	6,765,037
Total transportation	37,760,394	2,882,154	6,129,017	3,180,092	4,092,386	163,502,081	217,546,124	200,831,894
Other flying services	-	-	291,692	-	77,052	22,039	390,783	264,951
Total flying services	37,760,394	2,882,154	6,420,709	3,180,092	4,169,438	163,524,120	217,936,907	201,096,845
Non-flying services	540,392	104,768	361,134	73,432	32,472	1,911,588	3,023,786	2,377,833
Total operating revenues	38,300,786	2,986,922	6,781,843	3,253,524	4,201,910	165,435,708	220,960,693	203,474,678
Operating expenses:								
Flying operations	15,146,940	1,029,277	2,592,760	1,145,295	1,595,554	37,968,237	59,478,063	54,990,668
Maintenance	8,158,336	729,803	1,331,689	955,348	1,304,777	34,816,104	47,296,057	49,755,611
General services and administrations:								
Passenger service	3,452,776	98,363	162,956	67,406	112,768	13,660,235	17,554,504	15,178,808
Aircraft and traffic servicing	5,789,628	458,772	1,421,961	308,762	151,804	25,757,020	33,887,947	31,413,344
Promotion and sales	6,924,442	79,747	176,023	463,334	267,168	24,509,908	32,420,622	28,701,520
General administration	2,151,954	273,505	450,110	260,766	255,141	6,658,664	10,050,140	9,006,552
Totals	18,318,800	910,387	2,211,050	1,100,268	786,881	70,585,827	93,913,213	84,300,824
Depreciation and amortization	3,170,783	222,426	596,600	734,358	292,510	19,921,497	24,938,174	18,313,150
Total operating expenses	44,794,859	2,891,893	6,732,099	3,935,269	3,979,722	163,291,665	225,625,507	207,359,653
Operating income (loss)	Dr. 6,494,073	95,029	49,744	Dr. 681,745	222,188	2,144,043	Dr. 4,664,814	Dr. 3,884,975
Non-operating income - net:								
Capital gains and losses	Dr. 942,159	40,021	-	Dr. 27,874	18,505	243,522	Dr. 667,985	564,823
Interest and discounts	97,294	159,727	-	Dr. 10	4,628	1,635,865	1,897,504	4,307,484
Miscellaneous non-operating income	Dr. 273,271	2,384	121,362	Dr. 1,181	736	32,592	Dr. 115,016	397,122
Income before interest expense	Dr. 7,612,209	297,161	171,106	Dr. 708,448	246,057	4,056,022	Dr. 3,550,311	1,384,454
Interest expense	-	41,210	110,118	146,559	135,486	10,511,333	10,944,706	8,602,113
Income before income taxes	Dr. 7,612,209	255,951	60,988	Dr. 855,007	110,571	Dr. 6,455,311	Dr. 14,495,017	Dr. 7,217,659
Provision for income taxes	-	7,251	51,000	-	500	5,229	53,522	260,153
Net income after income taxes	Dr. 7,612,209	248,700	9,988	Dr. 855,007	110,071	Dr. 6,450,082	Dr. 14,548,539	Dr. 7,477,812

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1961

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)		
Transportation services										
Unit toll:										
Revenue departures	No.	21,646	146,915	168,561	9,163	13,700	11,456	8,540	42,859	211,420
Revenue hours flown	"	44,816	200,775	245,591	9,879	15,653	8,135	10,511	44,178	289,769
Revenue miles scheduled	"	12,366,847	50,480,375	62,847,222	340,626	1,994,064	1,133,943	399,820	3,868,453	66,715,675
Revenue miles flown:										
Scheduled services - Regular	"	12,153,506	49,308,959	61,462,465	293,085	1,900,034	988,806	390,792	3,572,717	65,035,182
Extra section	"	173,012	2,171,085	2,344,097	30,994	193,290	41,201	23,294	288,779	2,632,876
Non-scheduled services	"	661,676	-	661,676	1,327,271	133,180	439,112	1,028,255	2,927,818	3,589,494
Totals	"	12,988,194	51,480,044	64,468,238	1,651,350	2,226,504	1,469,119	1,442,341	6,789,314	71,257,552
Ratio of regular miles flown to miles scheduled		98.3	97.7	...	86.0	95.3	87.2	97.7	...	...
Revenue passengers carried	No.	371,345	3,690,227	4,061,572	60,488	116,950	108,647	46,548	332,633	4,394,205
Revenue goods carried:										
Express	1b.	841,661	8,720,260	9,561,921	-	302,007	2,522,564	124,299	2,948,870	12,510,791
Freight	"	4,468,743	35,412,906	39,881,649	13,402,049	4,315,613	-	1,491,402	19,209,064	59,090,713
Excess baggage	"	-	-	-	129,597	291,460	556,506	113,792	1,091,355	1,091,355
Mail	"	2,121,887	26,725,780	28,847,667	1,462,602	1,577,502	1,308,571	626,113	4,974,788	33,822,455
Totals	"	7,432,291	70,858,946	78,291,237	14,994,248	6,486,582	4,387,641	2,355,606	28,224,077	106,515,314
Revenue passenger-miles:										
Scheduled services	No.	556,312,868	2,464,665,740	3,020,978,608	4,016,315	31,629,599	21,488,719	5,369,320	62,503,953	3,083,482,561
Non-scheduled services	"	15,026,864	-	15,026,864	9,017,801	354,615	7,715,348	12,873,509	29,961,273	44,988,137
Totals	"	571,339,732	2,464,665,740	3,036,005,472	13,034,116	31,984,214	29,204,067	18,242,829	92,465,226	3,128,470,698
Available seat-miles on scheduled services	"	1,117,607,929	3,848,898,893	4,966,506,822	8,201,128	73,664,179	39,529,656	-	-	-
Passenger load factor on scheduled services		49.8	64.0	...	49.0	42.9	54.4	-	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	224,503	3,093,311	3,317,814	-	105,508	248,296	8,547	362,351	3,680,165
Non-scheduled services	"	11,878	-	11,878	-	-	113,040	21,773	134,813	146,691
Totals	"	236,381	3,093,311	3,329,692	-	105,508	361,336	30,320	497,164	3,826,856
Freight - Scheduled services	"	5,403,532	20,991,543	26,395,075	41,640	1,050,144	-	11,121	1,102,905	27,497,980
Non-scheduled services	"	28,182	-	28,182	3,153,534	222,767	-	239,861	3,616,162	3,644,344
Totals	"	5,431,714	20,991,543	26,423,257	3,195,174	1,272,911	-	250,982	4,719,067	31,142,324

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual, 1961

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	
Transportation services - concluded:								
Unit toll (concluded):								
Revenue goods ton-miles (concluded):								
Excess baggage - Scheduled services . No.	287,919	884,984	1,172,903	2,847	50,936	53,037	7,145	1,286,868
Non-scheduled services	1,330	-	1,330	16,381	3,413	26,495	20,809	68,428
Totals	289,249	884,984	1,174,233	19,228	54,349	79,532	27,954	1,355,296
Mail - Scheduled services	1,297,317	11,574,220	12,871,537	49,464	443,956	79,687	19,685	13,464,329
Non-scheduled services	46,093	-	46,093	112,555	56,901	26,233	71,481	313,263
Totals	1,343,410	11,574,220	12,917,630	162,019	500,857	105,920	91,166	13,777,592
Total - Scheduled services	7,213,271	36,544,058	43,757,329	93,951	1,650,544	381,020	46,498	45,929,342
Non-scheduled services	87,483	-	87,483	3,282,470	283,081	165,768	353,924	4,172,726
Totals	7,300,754	36,544,058	43,844,812	3,376,421	1,933,625	546,788	400,422	50,102,068
Available ton-miles on scheduled services	144,044,602	519,075,302	663,119,904	890,779	9,546,340	4,440,993	1,402,243	679,400,259
Weight load factor on scheduled services (2)	43.6	54.5	...	63.3	38.4	50.8	44.8	...
Bulk:								
Revenue - Departures No.	317	408	725	610	16,188	90	5,398	23,011
Hours flown	2,347	889	3,236	710	15,803	110	7,504	27,363
Miles flown	624,208	244,906	869,114	107,734	1,826,467	16,408	1,179,316	3,999,039
Passengers carried	9,574	14,952	24,526	4,099	23,947	263	9,408	62,243
Freight carried lb.	600,808	28,721	629,529	1,886,404	7,885,762	103,003	8,723,988	19,228,686
Non-transportation services								
Specialty flying:								
Revenue hours flown No.	-	91	91	-	3,833	-	296	4,220
Total - All services								
Traffic: (3)								
Revenue:								
Departures No.	21,963	147,323	169,286	9,773	29,888	11,546	13,938	234,431
Hours flown	47,163	201,755	248,918	10,589	35,289	8,245	18,311	321,352
Miles flown	13,612,402	51,724,950	65,337,352	1,759,084	4,052,971	1,485,527	2,621,657	75,256,591
Passengers carried	380,919	3,705,179	4,086,098	64,587	140,898	108,910	55,956	4,456,448
Cargo carried lb.	5,911,212	44,161,887	50,073,099	15,288,453	12,503,382	2,625,567	10,339,689	90,830,190
Goods carried	8,033,099	70,887,667	78,920,766	16,880,652	14,372,344	4,490,644	11,079,594	125,744,000

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual, 1961

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	2,883	6,556	9,439	324	1,595	714	588	3,221	12,660
Passengers carried	12,150	..	..	1,927	2,294	1,991	1,045	7,257	..
Goods carried	1,247,584	..	..	311,018	414,224	-	111,361	836,603	..
Passenger-miles	24,428,566	120,122,743	144,551,309	543,935	953,087	593,382	624,936	2,715,340	147,266,649
Goods ton-miles	1,856,642	3,686,894	5,543,536	60,850	140,460	-	37,200	238,510	5,782,046
Fuel consumed:									
Turbo fuel - Quantity	26,240,487	115,499,306	141,739,793	457,459	-	1,619,052	-	2,076,511	143,816,304
Cost	4,021,348	15,659,207	19,680,555	109,013	-	360,274	-	469,287	20,149,842
Gasoline - Quantity	6,227,993	9,154,655	15,382,648	1,213,074	2,427,108	190,965	1,938,163	5,769,310	21,151,958
Cost	1,964,353	2,422,419	4,386,772	369,661	1,098,048	66,737	781,793	2,316,239	6,703,011
Oil consumed:									
Turbo aircraft - Quantity	5,775	25,721	31,496	62	-	1,902	-	1,964	33,460
Cost	58,530	240,124	298,654	832	-	13,678	-	14,510	313,164
Other aircraft - Quantity	74,538	145,147	219,685	14,286	29,760	2,910	23,172	70,128	289,813
Cost	65,658	122,127	187,785	14,108	37,200	3,800	23,172	78,280	266,065
Average number of employees:									
Flying personnel	426	1,526	1,952	33	90	48	60	231	2,183
Other personnel	2,278	10,205	12,483	162	383	269	192	1,006	13,489
Totals	2,704	11,731	14,435	195	473	317	252	1,237	15,672
Salaries and wages paid:									
Flying personnel	4,017,700	13,174,911	17,192,611	289,064	907,820	263,278	404,691	1,864,853	19,057,464
Other personnel	11,103,526	55,252,342	66,355,868	792,607	2,032,342	1,160,074	884,059	4,869,082	71,224,950
Totals	15,121,226	68,427,253	83,548,479	1,081,671	2,940,162	1,423,352	1,288,750	6,733,935	90,282,414

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	301,559	54,911	113,600	108,647	41,267	3,150,148	3,770,132
Foreign interline	36,624	5,577	-	-	-	(540,079)	(611,581)
Totals (2)	29,301	-	-	-	-	-	-
Revenue express carried:							
Originated	367,484	60,488	113,600	108,647	41,267	3,690,227	4,381,713
Domestic interline	841,661	-	302,007	2,522,564	124,299	8,720,260	12,510,791
Foreign interline	-	-	-	-	-	-	-
Totals (2)	841,661	-	302,007	2,522,564	124,299	8,720,260	12,510,791
Revenue freight carried:							
Originated	3,422,902	9,530,654	4,092,846	-	590,693	35,412,906	53,050,001
Domestic interline	139,880	-	-	-	-	-	139,880
Foreign interline	575,013	-	-	-	-	-	575,013
Totals (2)	4,137,795	9,530,654	4,092,846	-	590,693	35,412,906	53,764,894
Revenue excess baggage carried:							
Originated .....	..	129,597	288,047	556,506	101,221	..	1,075,371
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals (2) .....	..	129,597	288,047	556,506	101,221	..	1,075,371(3)
Revenue mail carried:							
Originated	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I excess baggage.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

Preliminary Annual, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	25,381	5,546	3,853	1,152	35,932	132,629	168,561
Revenue hours flown	38,345	22,418	14,432	7,961	83,156	162,435	245,591
Revenue miles scheduled	8,362,218	9,268,372	4,106,298	2,653,459	24,390,347	38,456,875	62,847,222
Revenue miles flown:							
Scheduled services - Regular	8,057,014	9,108,858	4,067,548	2,569,005	23,802,425	37,660,040	61,462,465
Extra sections	294,654	114,142	157,884	56,515	623,195	1,720,902	2,344,097
Non-scheduled services	-	-	-	-	-	661,676	661,676
Totals	8,351,668	9,223,000	4,225,432	2,625,520	24,425,620	40,042,618	64,468,238
Ratio of regular miles flown to miles scheduled	96.4	98.3	99.1	96.8	97.6	97.9	97.8
Revenue passengers .....	..	..	..	..	1,238,671(2)	3,096,926(2)	4,335,597(2)
Revenue freight .....	..	..	..	..	15,935,233(2)	29,289,631(2)	45,224,864(2)
Revenue passenger-miles	313,401,828	554,294,957	215,260,918	106,131,739	1,189,089,442	1,846,916,030	3,036,005,472
Available seat-miles on scheduled services	464,396,706	1,085,718,495	377,194,920	223,441,968	2,150,752,089	2,815,754,733	4,966,506,822
Passenger load factor on scheduled services	67.5	51.1	57.1	47.5	55.3	65.1	60.8
Revenue goods ton-miles:							
Express	496,302	-	-	-	496,302	2,833,390	3,329,692
Freight	1,747,057	5,863,757	1,535,950	2,293,156	11,439,920	14,983,337	26,423,257
Excess baggage	104,044	275,356	200,515	52,273	632,188	542,045	1,174,233
Mail	399,982	1,870,539	312,270	592,326	3,175,117	9,742,513	12,917,630
Totals	2,747,385	8,009,652	2,048,735	2,937,755	15,743,527	28,101,285	43,844,812
Available ton-miles on scheduled services	55,789,501	148,889,613	49,664,515	29,406,758	283,750,387	379,369,517	663,119,904
Weight load factor on scheduled services(1)	61.1	42.6	47.5	46.0	47.4	55.7	52.2

(1) Standard passenger weight used: 200 pounds.

(2) Includes division interline traffic.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

Preliminary Annual, 1961.

	Revenue hours number	Revenue earned dollars
Flying training	30,985	493,953
Recreational flying	9,151	185,881
Aerial photography and survey	5,700	1,359,541
Aerial photography (excluding survey)	922	51,544
Aerial pest control	4,733	857,413
Aerial advertising	104	6,178
Aerial patrol and inspection	14,354	1,277,047
Phlebotrophic	-	-
Aerial crop cultivation	41	3,493
Geophysical survey	5,498	680,909
Non-transportation charter	422	87,161
Other specialty flying	2,352	125,583
Total specialty flying	74,262	5,128,703

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

Preliminary Annual, 1961.

	1961	1960
Revenue hours flown	48,673	44,388
Average number of aircraft	109	102
Average number of employees:		
Flying personnel	194	185
Other personnel	175	139
Totals	369	324
Salaries and wages paid:		
Flying personnel	\$ 1,561,741	\$ 1,151,855
Other personnel	\$ 1,174,240	\$ 828,103
Totals	\$ 2,735,981	\$ 1,979,958
Operating revenues:		
Bulk transportation	\$ 5,859,423	\$ 5,248,536
Other flying services	\$ 244,298	\$ 213,213
Non-flying services	\$ 451,933	\$ 345,590
Totals	\$ 6,555,654	\$ 5,807,339
Operating expenses:		
Flying operations	\$ 2,736,476	\$ 2,168,091
Maintenance	\$ 1,412,288	\$ 1,283,633
General services and administration ..	\$ 866,104	\$ 842,882
Depreciation and amortization	\$ 1,113,965	\$ 990,955
Totals	\$ 6,128,833	\$ 5,285,561
Operating income (Loss)	\$ 426,821	\$ 521,778
Net income (deficit) after income taxes ..	\$ 354,475	\$ 451,113

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
Preliminary Annual, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	296,957	288,479	585,436	79,125	93,967	173,092
Bulk transportation	"	363	725	1,088	11,129	10,494	21,623
Totals	"	297,320	289,204	586,524	90,254	104,461	194,715
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	1,329,737	7,059,526	8,389,263	2,326,379	7,661,110	9,987,489
Bulk transportation	"	-	-	-	76,186	77,186	153,372
Totals	"	1,329,737	7,059,526	8,389,263	2,402,565	7,738,296	10,140,861
Mail carried (Unit toll transportation) ..	"	536,227	1,205,733	1,741,960	423,188	1,092,380	1,515,568
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	4,303	4,138	8,441	380,385	386,584	766,969
Bulk transportation	"	-	-	-	11,492	11,219	22,711
Totals	"	4,303	4,138	8,441	391,877	397,803	789,680
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	156,369	30,093	186,462	3,812,485	14,750,729	18,563,214
Bulk transportation	"	-	-	-	76,186	77,186	153,372
Totals	"	156,369	30,093	186,462	3,888,671	14,827,915	18,716,586
Mail carried (Unit toll transportation) ..	"	11,385	6,195	17,580	970,800	2,304,308	3,275,108

TABLE 10. Operating Statistics, Canadian Group V Carriers
Preliminary Annual, 1961

	Quantity
Number of reporting carriers .....	..
Bulk transportation:	
Revenue hours flown	No. 66,594
Revenue passengers carried	" 143,537
Revenue goods carried	1b. 10,008,916
Specialty flying services:	
Revenue hours flown:	
Flying training	No. 61,179
Recreational flying	" 11,615
Aerial photography and survey	" 2,412
Aerial photography (excl. survey)	" 283
Aerial pest control	" 2,912
Aerial advertising	" 13
Aerial patrol and inspection	" 8,557
Philanthropic	" -
Aerial fish cultivation	" -
Geophysical survey	" 1,010
Non-transportation charter	" 778
Other specialty flying	" 12,776
Total specialty flying services	" 101,535
Total - All services:	
Revenue hours flown	" 168,129
Non-revenue hours flown	" 10,082

TABLE 11. Statement of Income, Canadian Group V Carriers
Preliminary Annual, 1961

	Value dollars
Operating revenues:	
Bulk transportation	3,469,946
Other flying services	2,476,775
Total flying services	5,946,721
Non-flying services	2,232,203
Total operating revenues	8,178,924
Operating expenses:	
Flying operations	3,434,022
Maintenance	1,202,829
General services and administration	2,492,107
Depreciation	938,091
Total operating expenses	8,067,049
Operating income (loss)	111,875
Non-operating income - net	Dr. 63,393
Income before income taxes	48,482
Provision for income taxes	64,403
Net income after income taxes	Dr. 15,921

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

51-201

ANNUAL

Canada. Statistics, Bureau of



CANADA

CIVIL AVIATION

PRELIMINARY ANNUAL

1962



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section

July 1963
8504-512

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Introduction	5
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Revenues and Expenses, Canadian Group V Carriers	17
12. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15th, 1963	18
Civil Aviation Definitions	19

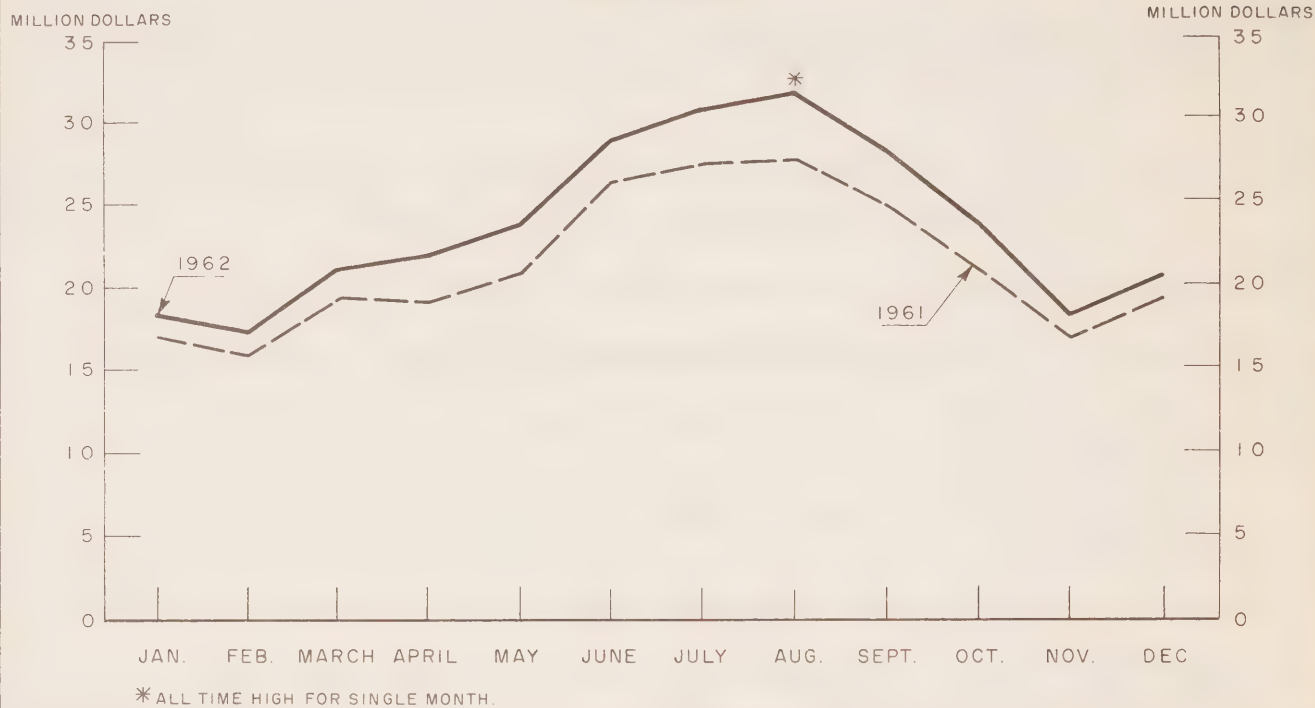
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

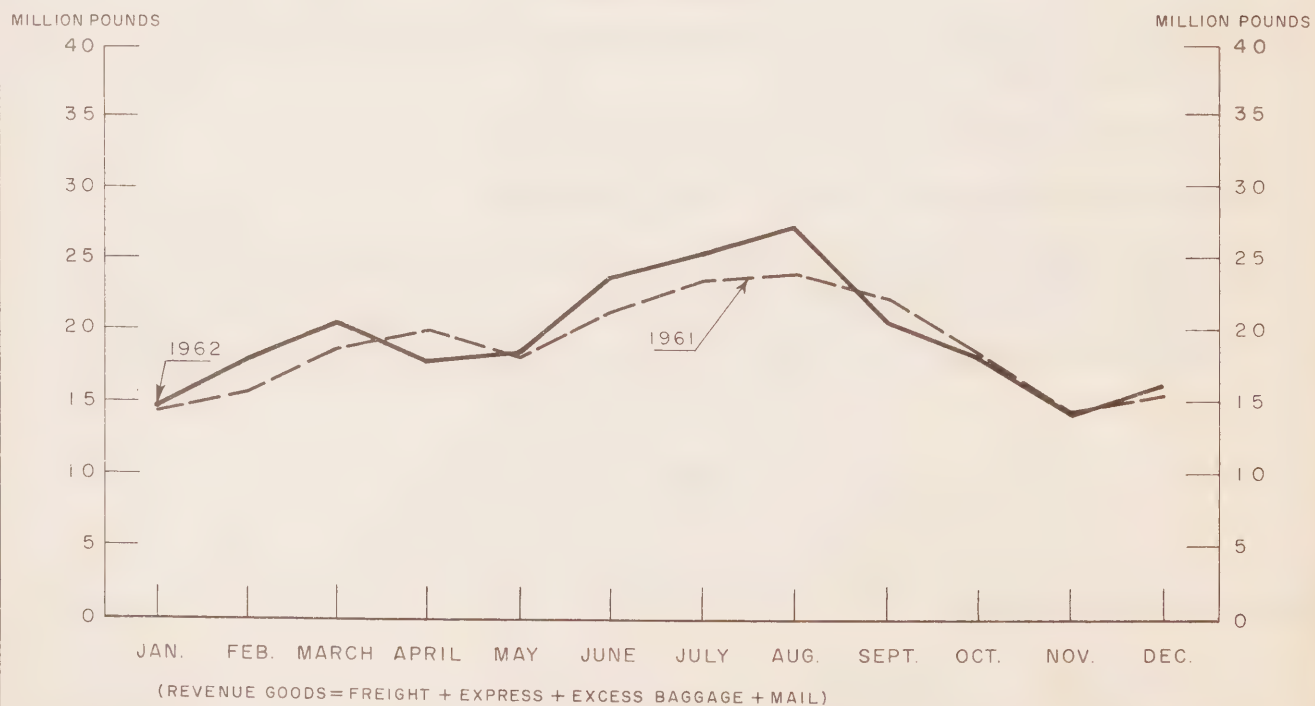
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1962". Data shown in this report are subject to revision.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6, which provides a breakdown of domestic and international operations for three Canadian carriers operating international unit toll services: Canadian Pacific Airlines, Trans-Canada Air Lines and Transair Ltd. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis; also separate totals for Canadian and foreign carriers. Passengers, cargo and mail in transit through Canada are excluded.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 12 for each group of carriers, by category of aircraft and weight group.

Review of operations:

In 1962, Canadian air carriers transported 5,268,799 passengers compared with 4,950,897 the previous year, an increase of 16 per cent, while the revenue goods rose to 236,561,782 lbs. from 228,077,376 lbs., an increase of 3.7 per cent. Revenue miles flown were up 1.8 per cent to 99,314,204 from 97,577,514. Operating revenues for 1962 totalled \$284,443,403 compared with \$254,873,901 for 1961, an increase of 11.6 per cent and operating expenses rose to \$277,076,521 from \$257,445,532, an increase of 7.6 per cent. As a result the Canadian air carriers showed an operating income of \$7,366,882 compared with a deficit of \$2,571,631 for the previous year. However after provision for income taxes and other charges were deducted there was an operating deficit of \$4,520,384 which was 65.6 per cent lower than the figure of \$13,146,423 for the year 1961.

The six scheduled carriers transported 4,695,464 revenue passengers or 89.1 per cent of the total carried by Canadian airlines, and 142,192,333 lbs. of revenue goods or 56.9 per cent of the total for the year under review. During 1961 these same carriers transported 90 per cent of the revenue passengers and 55.1 per cent of the revenue goods. The scheduled carriers also accounted for 87.8 per cent of all operating revenues and 87.9 per cent of the operating expenses.

Data for companies flying helicopters only are shown in Table 8. These companies operate approximately 70 per cent of all commercial helicopters in Canada. During 1962 they flew a total of 49,087 revenue hours and reported operating revenues of \$6,713,045 while operating expenses amounted to \$6,343,538. The resulting net income after income taxes of \$283,401 compares with that of \$280,586 reported in 1961.

The Group V carriers transported 154,323 revenue passengers and 10,127,198 lbs. of revenue goods for the year 1962 compared with 151,498 passengers and 10,397,821 lbs. of goods during 1961. The operating revenues for this group totalled \$7,238,023 and operating expenses amounted to \$7,407,349 compared to \$8,770,977 and \$8,819,055 respectively for 1961.

The number of passengers carried by foreign carriers during 1962 remained practically the same while the volume of revenue goods rose 6.9 per cent, the revenue passengers totalling 795,375 (789,680 in 1962) and revenue goods 23,505,980 lbs. (21,991,694 lbs.). It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1961
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	22	61	83	89	9	9	107	101
Transportation services:									
Unit toll:									
Revenue departures	No. 208,534	33,475	8,887	42,362	250,896	..	..	..	..
Revenue hours flown	" 272,217	34,054	6,116	40,170	312,387	4,691	10,616	327,694	344,220
Revenue miles scheduled	" 65,811,182	...	...	...	65,811,182	1,176,779	4,152,770	71,140,731	72,062,817
Revenue miles flown:									
Scheduled services	" 66,944,509(4)	...	...	...	66,944,509(4)	1,150,891	4,185,081	72,280,481(4)	73,130,109(4)
Non-scheduled services ...	" 3,927,581(4)	4,390,074	776,914	5,166,988	9,094,569(4)	-	-	9,094,569(4)	8,340,254(4)
Totals	" 70,872,090	4,390,074	776,914	5,166,988	76,039,078	1,150,891	4,185,081	81,375,050	81,470,363
Revenue passengers carried	" 4,603,139	153,833	35,437	189,270	4,792,409	555,244	222,431	5,570,084	5,309,978
Revenue goods carried:									
Cargo	lb. 82,497,187	7,715,034	1,472,177	9,187,211	91,684,398	8,451,158	11,807,732	113,313,798	99,387,112
Excess baggage	" 985,261(5)	207,658	177,591	385,249	1,370,510(5)	...	...	...	...
Mail	" 36,539,380	1,655,090	232,453	1,887,543	38,426,923	1,597,331	1,568,278	41,592,532	39,024,564
Totals	" 120,021,828	9,577,782	1,882,221	11,460,003	131,481,831	10,048,489	13,376,010	154,906,330	138,411,676
Revenue passenger-miles	No. 3,425,681,894	35,138,326	2,907,071	38,045,397	3,463,727,291	26,453,113	176,491,017	3,666,671,421	3,352,704,994
Revenue goods ton-miles:									
Cargo	" 41,115,227	1,978,137	339,239	2,317,376	43,432,603	229,948	4,388,680	50,044,715	42,476,457
Excess baggage	" 1,904,050	80,602	8,832	89,434	1,993,484	...	...	...	...
Mail	" 14,914,000	361,102	14,106	375,208	15,289,208	32,598	672,837	15,994,643	14,856,343
Totals	" 57,933,277	2,419,841	362,177	2,782,018	60,715,295	262,546	5,061,517	66,039,358	57,332,800
Bulk:									
Revenue - Departure	" 24,269	84,413	111,894	196,307	220,576	..	..	..	..
Hours flown	" 30,900	110,628	88,964	199,592	230,492	4	671	231,167	244,132
Miles flown	" 5,131,695	8,965,427	9,178,004	18,143,431	23,275,126	579	197,175	23,472,880	21,865,023
Passengers carried	" 92,325	180,621	203,444	384,065	476,390	280	17,420	494,090	430,599
Freight carried .. lb.	22,170,505	56,727,187	26,182,259	82,909,446	105,079,951	-	81,481	105,161,432	111,657,394
on-transportation services:									
Specialty flying:									
Revenue hours flown	No. 116	22,752	60,514	83,266	83,382	-	-	83,382	75,808

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1962

	Canadian carriers						Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Grand total 1961
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total	United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total							
Total - All services:											
Traffic, hours and miles:(6)											
Revenue:											
Departures	No.	232,803	117,888	120,781.	238,669	471,472	..	11,287	642,243	..	664,160
Hours flown	"	303,233	167,434	155,594	323,028	626,261	4,695	4,382,256	104,847,930	..	103,335,386
Miles flown	"	76,003,785	13,355,501	9,954,918	23,310,419	99,314,204	1,151,470	239,851	6,064,174	..	5,740,577
Passengers carried	"	4,695,464	334,454	238,881	573,335	5,268,799	555,524	11,889,213(7)	218,475,230(7)	..	211,044,506(7)
Cargo carried	lb.	104,667,692	64,442,221	27,654,436	92,096,657	196,764,349	8,451,158(7)	13,457,491	260,067,762	..	250,069,070
Goods carried	"	142,192,333	66,304,969	28,064,480	94,369,449	236,561,782	10,048,489				
Non-revenue:											
Hours flown	No.	7,889	12,166	5,827	17,993	25,882	46	44	25,972	..	28,953
Passengers carried	"	..	3,729	257	3,986	..	8,436	9,903	..	..	..
Goods carried	lb.	..	1,007,049	-	1,007,049	..	172,730	978,357	..	..	..
Passenger-miles	No.	174,092,015	2,166,696	18,388	2,185,084	176,277,099	578,718	7,286,502	184,142,319	..	156,013,993
Goods ton-miles	"	5,929,445	520,353	-	520,353	6,449,798	16,549	308,621	6,774,968	..	6,333,472
Fuel consumed:											
Turbo fuel - Quantity	gal.	170,564,025	516,518	-	516,518	171,080,543	4,346,419	27,913,484	203,340,446	..	172,577,570
Cost	\$	24,516,830	112,654	-	112,654	24,629,484	656,900	4,338,488	29,624,872	..	25,194,898
Gasoline - Quantity	gal.	10,106,475	7,164,758	2,990,840	10,155,598	20,262,073	630,384	2,655,211	23,547,668	..	35,488,754
Cost	\$	3,458,932	2,781,565	1,123,202	3,904,767	7,363,699	157,076	614,381	8,135,156	..	11,986,491
Oil consumed:											
Turbo aircraft - Quantity ..	gal.	51,147	1,085	-	1,085	52,232	219	1,308	53,759	..	34,951
Cost	\$	438,140	2,876	-	2,876	441,016	1,294	10,047	452,357	..	326,489
Other aircraft - Quantity ..	gal.	126,238	86,543	44,982	131,525	257,763	4,637	26,831	289,231	..	476,172
Cost	\$	129,250	134,659	60,906	195,565	324,815	4,483	19,448	348,746	..	490,302
Average number of employees:											
Flying personnel	No.	2,177	477	266	743	2,920	..	..	..	..	..
Other personnel	"	13,498	878	510	1,388	14,886	..	..	..	..	..
Totals	"	15,675	1,355	776	2,131	17,806	240	766	18,812	..	18,745
Salaries and wages paid:											
Flying personnel	\$	19,477,505	3,807,031	1,718,439	5,525,470	25,002,975	..	..	..	..	..
Other personnel	\$	73,613,623	4,628,717	2,384,943	7,013,660	80,627,283	..	..	..	..	..
Totals	\$	93,091,128	8,435,748	4,103,382	12,539,130	105,630,258	1,378,045	3,904,367	110,912,670	..	107,499,078

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1962

	Scheduled carriers			Non-scheduled carriers			Grand total all carriers	Grand total 1961
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	198,139,006	8,686,046	206,825,052	3,805,313	517,324	4,322,637	211,147,689	186,890,383
Express	3,629,556	542,772	4,172,328	129,784	45,847	175,631	4,347,959	3,661,298
Freight	9,355,917	1,919,161	11,275,078	1,044,914	47,928	1,092,842	12,367,920	10,897,999
Excess baggage	1,200,385	211,930	1,412,315	99,608	13,986	113,594	1,525,909	1,327,808
Mail	12,445,892	1,181,105	13,626,997	726,021	61,330	787,351	14,414,348	13,867,910
Total unit toll transportation ..	224,770,756	12,541,014	237,311,770	5,805,640	686,415	6,492,055	243,803,825	216,645,398
Bulk transportation	4,827,191	4,437,248	9,264,439	14,159,573	6,698,169	20,857,742	30,122,181	27,720,828
Total transportation	229,597,947	16,978,262	246,576,209	19,965,213	7,384,584	27,349,797	273,926,006	244,366,226
Other flying services	29,693	-	29,693	2,960,113	2,033,428	4,993,541	5,023,234	5,363,062
Total flying services	229,627,640	16,978,262	246,605,902	22,925,326	9,418,012	32,343,338	278,949,240	249,729,288
Non-flying services	2,487,791	543,481	3,031,272	1,006,475	1,456,416	2,462,891	5,494,163	5,144,613
Total operating revenues	232,115,431	17,521,743	249,637,174	23,931,801	10,874,428	34,806,229	284,443,403	254,873,901
Operating expenses:								
Flying operations	56,142,370	5,917,553	62,059,923	10,005,032	4,082,286	14,087,318	76,147,241	73,316,322
Maintenance	47,186,707	4,434,146	51,620,853	6,788,840	2,692,420	9,481,260	61,102,113	55,775,771
General services and administration:								
Passenger service	17,835,479	472,900	18,308,379	..	..	..	..	..
Aircraft and traffic servicing	32,980,941	2,340,639	35,321,580	..	..	..	..	..
Promotion and sales	36,098,358	1,159,204	37,257,562	..	..	..	..	..
General administration	9,753,972	1,234,801	10,988,773	..	..	..	..	..
Totals	96,668,750	5,207,544	101,876,294	4,582,280	1,866,690	6,448,970	108,325,264	100,003,284
Depreciation and amortization	25,928,530	1,950,969	27,879,499	2,262,554	1,359,850	3,622,404	31,501,903	28,350,155
Total operating expenses	225,926,357	17,510,212	243,436,569	23,638,706	10,001,246	33,639,952	277,076,521	257,445,532
Operating income (loss)	6,189,074	11,531	6,200,605	293,095	873,182	1,166,277	7,366,882	Dr. 2,571,631
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	Dr. 16,273	Dr. 409,363	209,443	92,771	302,214	Dr. 107,149	Dr. 513,958
Interest and discounts	1,554,736	139,012	1,693,748	38,395	4,160	42,555	1,736,303	1,934,140
Miscellaneous non-operating income ..	Dr. 576,041	Dr. 69,846	Dr. 645,887	Dr. 75,456	42,852	Dr. 32,604	Dr. 678,491	86,396
Income before interest expense	6,774,679	64,424	6,839,103	465,477	1,012,965	1,478,442	8,317,545	Dr. 1,065,053
Interest expense	11,518,774	527,267	12,046,041	554,843	178,918	733,761	12,779,802	11,790,763
Income before income taxes	Dr. 4,744,095	Dr. 462,843	Dr. 5,206,938	Dr. 89,366	834,047	744,681	Dr. 4,462,257	Dr. 12,855,816
Provision for income taxes	Cr. 5,162	145	Cr. 5,017	15,258	47,886	63,144	58,127	290,607
Net income after income taxes	Dr. 4,738,933	Dr. 462,988	Dr. 5,201,921	Dr. 104,624	786,161	681,537	Dr. 4,520,384	Dr. 13,146,423

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1962

- 9 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1961
Operating revenues:								
Unit toll transportation:								
Passengers	39,347,397	1,081,314	2,740,893	2,987,142	1,876,697	158,791,609	206,825,052	183,464,645
Express	200,651	-	105,013	412,882	24,877	3,428,905	4,172,328	3,521,361
Freight	2,321,558	988,056	622,238	-	308,867	7,034,359	11,275,078	9,890,786
Excess baggage	311,560	16,075	89,355	84,173	22,327	888,825	1,412,315	1,247,165
Mail	1,884,223	269,255	513,051	153,911	244,888	10,561,669	13,626,997	13,089,323
Total unit toll transportation ..	44,065,389	2,354,700	4,070,550	3,638,108	2,477,656	180,705,367	237,311,770	211,219,280
Bulk transportation	3,668,783	163,721	1,525,609	16,724	2,731,194	1,158,408	9,264,439	6,326,844
Total transportation	47,734,172	2,518,421	5,596,159	3,654,832	5,208,850	181,863,775	246,576,209	217,546,124
Other flying services	-	-	-	-	-	29,693	29,693	390,783
Total flying services	47,734,172	2,518,421	5,596,159	3,654,832	5,208,850	181,893,468	246,605,902	217,936,907
Non-flying services	907,792	141,138	327,077	46,519	28,747	1,579,999	3,031,272	3,023,786
Total operating revenues	48,641,964	2,659,559	5,923,236	3,701,351	5,237,597	183,473,467	249,637,174	220,960,693
Operating expenses:								
Flying operations	18,346,153	1,009,199	2,158,599	1,064,171	1,685,584	37,796,217	62,059,923	59,458,956
Maintenance	8,360,144	666,608	1,224,747	818,111	1,724,680	38,826,563	51,620,853	47,309,963
General services and administrations:								
Passenger service	4,286,704	76,524	168,483	60,984	166,909	13,548,775	18,308,379	17,554,507
Aircraft and traffic servicing	5,834,184	427,635	1,359,694	321,431	231,879	27,146,757	35,321,580	33,887,944
Promotion and sales	8,218,390	76,801	231,858	536,933	313,612	27,879,968	37,257,562	32,420,623
General administration	2,131,273	248,634	413,680	271,257	301,230	7,622,699	10,988,773	10,055,493
Totals	20,470,551	829,594	2,173,715	1,190,605	1,013,630	76,198,199	101,876,294	93,918,567
Depreciation and amortization	2,671,255	600,310	495,551	375,228	479,880	23,257,275	27,879,499	24,870,797
Total operating expenses	49,848,103	3,105,711	6,052,612	3,448,115	4,903,774	176,078,254	243,436,569	225,558,283
Operating income (loss)	Dr. 1,206,139	Dr. 446,152	Dr. 129,376	253,236	333,823	7,395,213	6,200,605	Dr. 4,597,590
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	44,371	Dr. 37,594	Dr. 2,350	Dr. 20,700	-	Dr. 409,363	Dr. 667,166
Interest and discounts	426,123	138,056	-	321	635	1,128,613	1,693,748	1,897,504
Miscellaneous non-operating income ..	Dr. 25,202	Dr. 6,781	Dr. 58,138	Dr. 4,927	-	Dr. 550,839	Dr. 645,887	Dr. 115,016
Income before interest expense	Dr. 1,198,308	Dr. 270,506	Dr. 225,108	246,280	313,758	7,972,987	6,839,103	Dr. 3,482,268
Interest expense	-	68,457	152,369	185,463	120,978	11,518,774	12,046,041	11,081,634
Income before income taxes	Dr. 1,198,308	Dr. 338,963	Dr. 377,477	60,817	192,780	Dr. 3,545,787	5,206,938	Dr. 14,563,902
Provision for income taxes	-	145	-	-	-	Cr. 5,162	Cr. 5,017	Cr. 53,022
Net income after income taxes	Dr. 1,198,308	Dr. 339,108	Dr. 377,477	60,817	192,780	Dr. 3,540,625	5,201,921	Dr. 14,616,924

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	No.	21,892	141,371	163,263	8,719	13,620	13,177	9,755	45,271
Revenue hours flown	"	41,012	185,470	226,482	8,895	14,813	10,430	11,597	45,735
Revenue miles scheduled	"	12,558,473	49,559,504	62,117,977	326,954	1,968,866	977,425	419,960	3,693,205
Revenue miles flown:									
Scheduled services - Regular	"	12,389,981	48,725,118	61,115,099	299,449	1,825,538	957,164	407,873	3,490,024
Extra section	"	122,985	2,000,171	2,123,156	25,891	143,266	30,827	16,246	216,230
Non-scheduled services	"	632,403	-	632,403	1,102,109	162,216	860,289	1,170,564	3,295,178
Totals	"	13,145,369	50,725,289	63,870,658	1,427,449	2,131,020	1,848,280	1,594,683	7,001,432
Ratio of regular miles flown to miles scheduled		98.7	98.3	...	91.6	92.7	97.9	97.1	...
Revenue passengers carried	No.	432,575	3,837,491	4,270,066	56,555	121,112	102,462	52,944	333,073
Revenue goods carried:									
Express	lb.	876,457	9,547,255	10,423,712	-	299,863	2,153,927	150,652	2,604,442
Freight	"	5,584,641	46,846,287	52,430,928	10,024,207	5,017,167	-	1,996,731	17,038,105
Excess baggage	"	-	-	-	130,502	287,656	449,312	117,791	985,261
Mail	"	2,076,653	29,162,213	31,238,866	1,476,027	1,727,761	1,325,996	770,730	5,300,514
Totals	"	8,537,751	85,555,755	94,093,506	11,630,736	7,332,447	3,929,235	3,035,904	25,928,322
Revenue passenger-miles:									
Scheduled services	No.	682,880,290	2,629,285,479	3,312,165,769	4,068,893	32,350,594	19,785,368	4,910,123	337,288,747
Non-scheduled services	"	14,105,789	-	14,105,789	7,568,377	477,341	14,042,750	16,206,890	52,401,147
Totals	"	696,986,079	2,629,285,479	3,336,271,558	11,637,270	32,827,935	33,828,118	21,117,013	99,410,336
Available seat-miles on scheduled services	"	1,385,735,833	4,379,236,377	5,764,972,210	9,777,244	74,729,274	34,207,000	10,114,224	128,827,742
Passenger load factor on scheduled services		49.3	60.0	...	41.6	43.3	57.8	48.5	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	231,607	3,516,399	3,748,006	-	85,767	187,823	10,116	283,706
Non-scheduled services	"	10,027	-	10,027	-	-	129,133	30,216	159,349
Totals	"	241,634	3,516,399	3,758,033	-	85,767	316,956	40,332	443,055
Freight - Scheduled services	"	6,477,265	26,307,255	32,784,520	39,348	1,332,611	-	14,403	1,386,362
Non-scheduled services	"	21,699	-	21,699	2,397,029	15,664	-	308,865	2,721,558
Totals	"	6,498,964	26,307,255	32,806,219	2,436,377	1,348,275	-	323,268	4,107,920
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...
									...

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	348,385	1,377,593	1,725,978	3,323	50,999	42,485	5,745	102,552	1,828,530
Non-scheduled services	1,156	-	1,156	12,090	572	43,893	17,809	74,364	75,520
Totals	349,541	1,377,593	1,727,134	15,413	51,571	86,378	23,554	176,916	1,904,050
Mail - Scheduled services	1,370,050	12,595,399	13,965,449	50,311	489,921	10,067	21,353	571,652	14,537,101
Non-scheduled services	49,219	-	49,219	107,974	2,443	126,755	90,508	327,680	376,899
Totals	1,419,269	12,595,399	14,014,668	158,285	492,364	136,822	111,861	899,332	14,914,000
Total - Scheduled services	8,427,307	43,796,646	52,223,953	92,982	1,959,298	240,375	51,617	2,344,272	54,568,225
Non-scheduled services	82,101	-	82,101	2,517,093	18,679	299,781	447,398	3,282,951	3,365,052
Totals	8,509,408	43,796,646	52,306,054	2,610,075	1,977,977	540,156	499,015	5,627,223	57,933,277
Available ton-miles on scheduled services	180,068,354	588,698,756	768,767,110	1,102,293	9,785,000	3,399,784	1,004,480	15,291,557	784,058,667
Weight load factor on scheduled services(3)	42.6	52.1	...	45.3	53.1	65.3	54.0	...	...
Bulk:									
Revenue - Departures	853	492	1,345	657	16,944	41	5,282	22,924	24,269
Hours flown	4,511	1,116	5,627	835	14,689	55	9,694	25,273	30,900
Miles flown	1,433,971	360,758	1,794,729	127,472	1,601,699	8,643	1,599,152	3,336,966	5,131,695
Passengers carried	29,186	18,550	47,736	5,461	25,827	315	12,986	44,589	92,325
Freight carried	112,959	24,120	137,079	1,922,722	9,530,608	10,872	10,569,224	22,033,426	22,170,505
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	116	116	-	-	-	-	-	116
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	22,745	141,863	164,608	9,376	30,564	13,218	15,037	68,195	232,803
Hours flown	45,523	186,702	232,225	9,730	29,502	10,485	21,291	71,008	303,233
Miles flown	14,579,340	51,086,047	65,665,387	1,554,921	3,732,719	1,856,923	3,193,835	10,338,398	76,003,785
Passengers carried	461,761	3,856,041	4,317,802	62,016	146,939	102,777	65,930	377,662	4,695,464
Cargo carried	6,574,057	56,417,662	62,991,719	11,946,929	14,847,638	2,164,799	12,716,607	41,675,973	104,667,692
Goods carried	8,650,710	85,579,875	94,230,585	13,553,458	16,863,055	3,940,107	13,605,128	47,961,748	142,192,333

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	No. 1,614	3,813	5,427	316	1,230	313	603	2,462	7,889
Passengers carried	" 13,715	"	"	2,110	2,384	1,817	1,334	7,645	"
Goods carried	lb. 1,492,401	"	"	467,784	492,826	"	196,792	1,157,402	"
Passenger-miles	No. 27,512,948	143,944,200	171,457,148	415,428	894,350	555,775	769,314	2,634,867	174,092,015
Goods ton-miles	" 1,987,625	3,659,016	5,646,641	54,422	181,514	"	46,868	282,804	5,929,445
Fuel consumed:									
Turbo fuel - Quantity	gal. 36,290,325	132,615,135	168,905,460	140,591	"	1,517,974	"	1,658,565	170,564,025
Cost	\$ 6,138,196	18,013,821	24,152,017	26,932	"	337,881	"	364,813	24,516,830
Gasoline - Quantity	gal. 3,426,142	412,312	3,838,454	1,249,361	2,236,475	332,372	2,449,813	6,268,021	10,106,475
Cost	\$ 988,374	122,230	1,110,604	406,146	907,870	106,352	927,960	2,348,328	3,458,932
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 6,210	38,178	44,388	"	"	6,759	"	6,759	51,147
Cost	\$ 55,406	375,738	431,144	"	"	6,996	"	6,996	438,140
Other aircraft - Quantity ..	gal. 39,784	5,969	45,753	14,050	25,767	5,711	34,957	80,485	126,238
Cost	\$ 38,260	5,382	43,642	14,573	31,403	4,675	34,957	85,608	129,250
Average number of employees:									
Flying personnel	No. 408	1,544	1,952	32	88	40	65	225	2,177
Other personnel	" 2,129	10,373	12,502	151	356	243	246	996	13,498
Totals	" 2,537	11,917	14,454	183	444	283	311	1,221	15,675
Salaries and wages paid:									
Flying personnel	\$ 4,076,419	13,514,933	17,591,352	269,038	846,577	289,539	480,999	1,886,153	19,477,505
Other personnel	\$ 11,038,843	57,721,439	68,760,282	654,731	1,940,594	1,109,953	1,148,063	4,853,341	73,613,623
Totals	\$ 15,115,262	71,236,372	86,351,634	923,769	2,787,171	1,399,492	1,629,062	6,739,494	93,091,128

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	358,793	51,315	116,461	102,462	46,814	3,254,759	3,930,604
Domestic interline	35,007	5,240	-	-	-	582,732	656,149
Foreign interline	33,170	-	-	-	-	-	-
Totals(2)	426,970	56,555	116,461	102,462	46,814	3,837,491	4,586,753
Revenue express carried:							
Originated	876,457	-	299,863	2,153,927	150,652	9,547,355	13,028,254
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	876,457	-	299,863	2,153,927	150,652	9,547,355	13,028,254
Revenue freight carried:							
Originated	4,357,248	8,198,386	4,722,413	-	666,083	46,846,287	64,790,417
Domestic interline	171,877	-	-	-	-	-	171,877
Foreign interline	586,195	-	-	-	-	-	586,195
Totals(2)	5,115,320	8,198,386	4,722,413	-	666,083	46,846,287	65,548,489
Revenue excess baggage carried:							
Originated .....	..	130,502	280,496	449,312	101,999	-	962,309
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	130,502	280,496	449,312	101,999	-	962,309(3)
Revenue mail carried:							
Originated	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

Preliminary Annual 1962

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 24,670	5,296	4,106	1,003	35,075	137,943	173,018
Revenue hours flown	" 35,977	20,857	12,044	6,518	75,396	162,683	238,079
Revenue miles scheduled	" 7,581,676	9,309,919	4,468,948	2,765,085	24,125,628	38,412,309	62,537,937
Revenue miles flown:							
Scheduled services - Regular	7,382,300	9,218,554	4,415,531	2,706,422	23,722,807	37,800,165	61,522,972
Extra sections	500,907	201,100	217,422	21,340	940,769	1,198,633	2,139,402
Non-scheduled services	-	-	-	-	-	1,802,967	1,802,967
Totals	7,883,207	9,419,654	4,632,953	2,727,762	24,663,576	40,801,765	65,465,341
Ratio of regular miles flown to miles scheduled	97.4	99.0	98.8	97.9	98.3	98.4	98.4
Revenue passengers carried	No. ...	...	...	...	1,385,921	2,937,089	4,323,010
Revenue cargo carried	lb. ...	...	...	...	26,125,963	38,876,060	65,002,023
Revenue mail carried .....	.. ...	...	...	...	4,119,924	27,889,672	32,009,596
Revenue passenger-miles	No. 351,084,330	595,182,204	283,117,399	140,328,139	1,369,712,072	1,977,676,499	3,347,388,571
Available seat-miles on scheduled services	" 537,460,413	1,207,057,928	545,904,371	324,296,224	2,614,718,936	3,160,367,498	5,775,086,434
Passenger load factor on scheduled services ...	65.3	49.3	51.9	43.3	52.4	62.6	58.0
Revenue goods ton-miles:							
Express	No. 611,257	-	-	-	611,257	3,187,108	3,798,365
Freight	2,759,695	7,151,040	1,959,073	2,654,768	14,524,576	18,604,911	33,129,487
Excess baggage	" 164,797	259,871	241,039	74,404	740,111	1,010,577	1,750,688
Mail	" 431,092	2,091,722	416,626	545,237	3,484,677	10,641,852	14,126,529
Totals	" 3,966,841	9,502,633	2,616,738	3,274,409	19,360,621	33,444,448	52,805,069
Available ton-miles on scheduled services	" 67,052,811	165,515,695	73,325,889	42,374,608	348,269,003	421,502,587	769,771,590
Weight load factor on scheduled services(1) ...	58.3	41.7	42.2	40.8	44.9	54.0	49.9

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

Preliminary Annual 1962

	1962		1961	
	Revenue hours	Revenue earned \$	Revenue hours	Revenue earned \$
Flying training	34,371	576,096	31,922	506,881
Recreational flying	10,909	226,408	9,589	191,731
Aerial photography and survey	6,200	1,067,044	5,700	1,359,541
Aerial photography (excluding survey)	663	25,553	922	51,544
Aerial pest control	4,265	590,103	4,733	857,413
Aerial advertising	116	15,334	104	6,178
Aerial patrol and inspection	14,098	1,206,452	14,525	1,281,257
Philanthropic	-	-	-	-
Aerial fish cultivation	48	4,809	41	3,493
Geophysical survey	9,878	991,814	5,498	680,909
Non-transportation charter	781	116,681	422	87,161
Other specialty flying	2,053	327,814	2,352	125,583
Total specialty flying	83,382	5,148,108	75,808	5,151,691

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

Preliminary Annual 1962

	1962		1961
Revenue hours flown	49,087	No.	48,673
Average number of aircraft	117	"	109
Average number of employees:			
Flying personnel	197	"	194
Other personnel	127	"	175
Totals	324	"	369
Salaries and wages paid:			
Flying personnel	1,536,296	\$	1,561,741
Other personnel	872,880	\$	1,174,240
Totals	2,409,176	\$	2,735,981
Operating revenues:			
Bulk transportation	5,540,499	\$	5,984,605
Other flying services	616,445	\$	255,286
Non-flying services	556,101	\$	252,421
Totals	6,713,045	\$	6,492,312
Operating expenses:			
Flying operations	2,508,257	\$	2,500,362
Maintenance	2,021,359	\$	1,619,631
General services and administration ..	674,227	\$	795,603
Depreciation and amortization	1,139,695	\$	1,094,744
Totals	6,343,538	\$	6,010,340
Operating income (loss)	369,507	\$	481,972
Net income (deficit) after income taxes	283,401	\$	280,586

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

Preliminary Annual 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	837,171	826,962	1,664,133	159,699	182,715	342,414
Bulk transportation "	3,811	3,904	7,715	22,863	21,804	44,667
Totals "	840,982	830,866	1,671,848	182,562	204,519	387,081
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	4,903,077	23,499,397	28,402,474	4,270,348	10,903,948	15,174,296
Bulk transportation "	50	18,200	18,250	47,601	33,880	81,481
Totals "	4,903,127	23,517,597	28,420,724	4,317,949	10,937,828	15,255,777
Mail carried (unit toll transportation) "	1,596,778	2,614,421	4,211,199	1,219,197	1,500,549	2,719,746
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	65,566	68,393	133,959	1,062,436	1,078,070	2,140,506
Bulk transportation "	563	660	1,223	27,237	26,368	53,605
Totals "	66,129	69,053	135,182	1,089,673	1,104,438	2,194,111
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	1,316,490	826,675	2,143,165	10,489,915	35,230,020	45,719,935
Bulk transportation "	85,510	17,470	102,980	133,161	69,550	202,711
Totals "	1,402,000	844,145	2,246,145	10,623,076	35,299,570	45,922,646
Mail carried (unit toll transportation) "	111,283	129,717	241,000	2,927,258	4,244,687	7,171,945
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	673,663	689,268	1,362,931	388,773	388,802	777,575
Bulk transportation "	18,228	17,677	35,905	9,009	8,691	17,700
Totals "	691,891	706,945	1,398,836	397,782	397,493	795,275
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	6,064,154	19,396,891	25,461,045	4,425,761	15,833,129	20,258,890
Bulk transportation "	85,560	35,670	121,230	47,601	33,880	81,481
Totals "	6,149,714	19,432,561	25,582,275	4,473,362	15,867,009	20,340,371
Mail carried (unit toll transportation) "	2,038,521	1,931,815	3,970,336	888,737	2,312,872	3,201,609

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1962

	Year 1962	Year 1961
	quantity	
Number of reporting carriers	222	188
Bulk transportation:		
Revenue hours flown	74,433	70,123
Revenue passengers carried	154,323	151,498
Revenue goods carried	10,127,198	10,397,821
Specialty flying services:		
Revenue hours flown:		
Flying training	61,534	65,383
Recreational flying	13,866	13,104
Aerial photography and survey	613	2,412
Aerial photography (excluding survey) "	536	455
Aerial pest control	5,695	3,524
Aerial advertising	190	73
Aerial patrol and inspection	4,290	8,688
Philanthropic	-	-
Aerial fish cultivation	-	-
Geophysical survey	351	1,010
Non-transportation charter	36	778
Other specialty flying	13,604	13,408
Total specialty flying services ...	100,715	108,835
Total - All services:		
Revenue hours flown	175,148	178,958
Non-revenue hours flown	11,612	10,818

TABLE 11. Statement of Income, Canadian Group V Carriers
Preliminary Annual 1962

	Year 1962	Year 1961
	dollars	
Operating revenues:		
Bulk transportation	3,661,992	3,282,841
Other flying services	2,333,648	2,334,070
Total flying services	5,995,640	5,616,911
Non-flying services	1,242,563	3,154,066
Total operating revenues	7,238,203	8,770,977
Operating expenses:		
Flying operations	3,543,831	3,463,877
Maintenance	1,252,670	1,157,390
General services and administration	1,493,352	3,109,819
Depreciation	1,117,496	1,087,969
Total operating expenses	7,407,349	8,819,055
Operating income (loss)	Dr. 169,146	Dr. 48,078
Non-operating income - Net	Dr. 131,102	Dr. 211,626
Income before income taxes	Dr. 300,248	Dr. 259,704
Provision for income taxes	81,795	50,995
Net income after income taxes	Dr. 382,043	Dr. 310,699

TABLE 12. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,

as at January 15th, 1963

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		22		70		298		396	
Helicopters No.	-	-	123	4	36	4	24	7	183	15
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb.	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb.	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb.	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under "	4	1	-	-	-	-	-	-	4	1
Total turbo props "	74	6	-	-	-	-	1	-	75	6
Piston engines:										
Four engines:										
130,001 lb. and over No.	3	-	-	-	-	-	-	-	3	-
100,001-130,000 lb.	5	1	-	-	-	-	-	-	5	1
70,001-100,000 lb.	8	1	3	1	-	1	-	-	11	3
50,001-70,000 lb.	1	-	1	-	-	-	-	-	2	-
50,000 lb. and under "	-	-	-	-	-	-	-	-	-	-
Total four engines "	17	2	4	1	-	1	-	-	21	4
One or two engines:										
40,001 lb. and over No.	15	2	2	5	1	1	-	-	18	8
25,001-40,000 lb.	22	1	31	4	7	1	5	-	65	6
20,001-25,000 lb.	-	-	2	-	-	-	-	-	2	-
15,001-20,000 lb.	-	-	22	-	-	-	2	-	24	-
10,001-15,000 lb.	1	-	3	-	7	-	1	-	12	-
7,501-10,000 lb.	10	-	44	-	40	-	20	-	114	-
5,001-7,500 lb.	25	-	63	2	56	2	33	2	177	6
4,001-5,000 lb.	1	-	7	-	7	1	9	3	24	4
3,001-4,000 lb.	-	-	16	2	22	1	52	6	90	9
2,001-3,000 lb.	5	-	31	5	117	10	242	37	395	52
2,000 lb. and under "	1	-	13	-	87	4	388	31	489	35
Total one or two engines ..	80	3	234	18	344	20	752	79	1,410	120
Grand total "	182	15	361	23	380	25	777	86	1,700	149

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

51-201

ANNUAL

Canada. Statistics, Bureau of



CANADA

CIVIL AVIATION
PRELIMINARY ANNUAL
1963

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

June 1964
8504-512

Price: 50 cents

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

TABLE OF CONTENTS

Page

Charts:

Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4

Introduction	5
--------------------	---

Tables:

1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Revenues and Expenses, Canadian Group V Carriers	17

Civil Aviation Definitions	18
----------------------------------	----

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

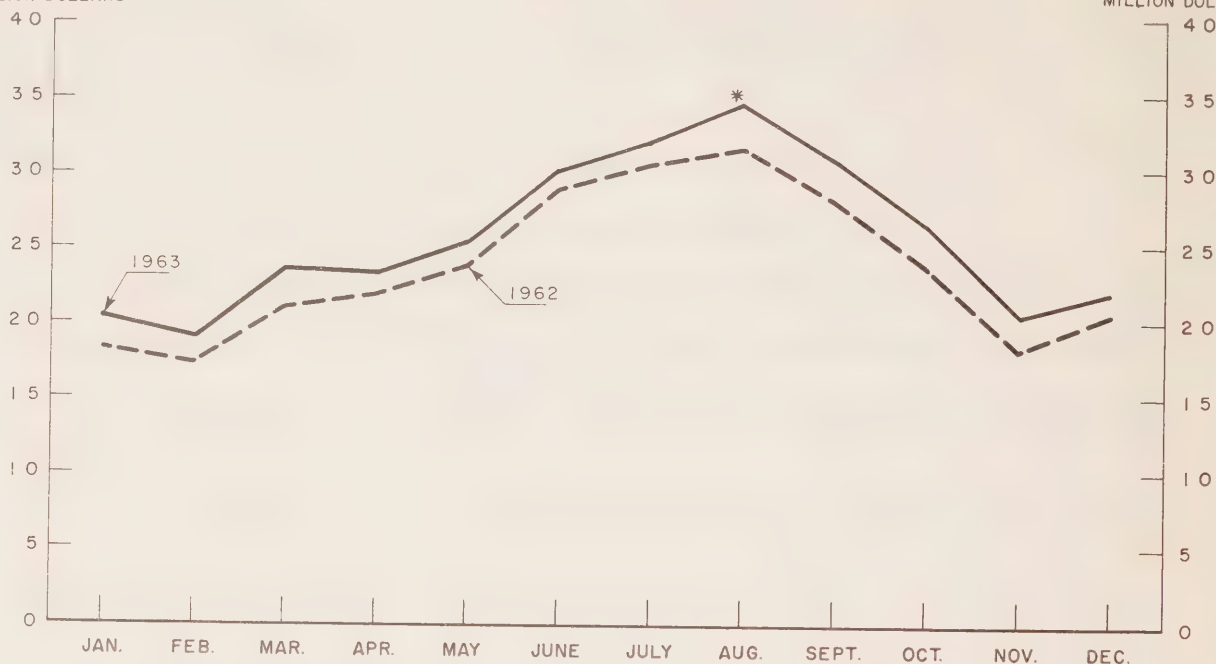
- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN AIR CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



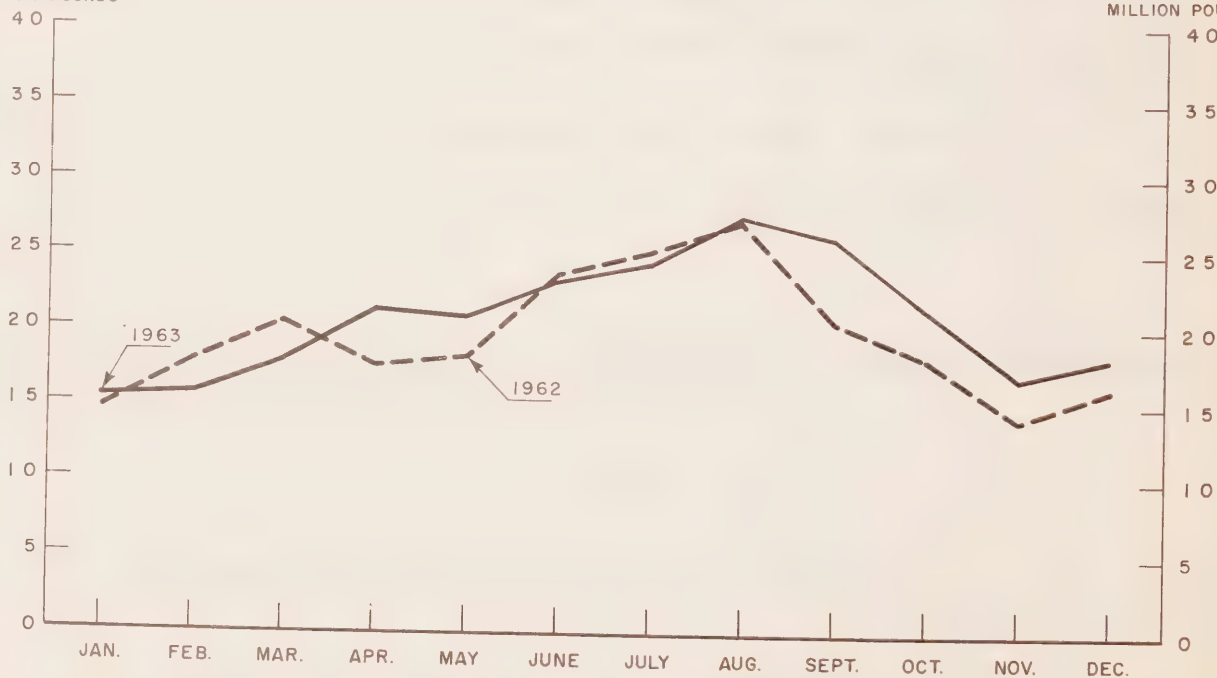
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1963". Data shown in this report are subject to revision.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Commencing in October, Eastern Provincial Airways (which previously reported with Group III carriers) merged with Maritime Central Airways to form a new company known as Eastern Provincial Airways (1963) Limited. For the purposes of this report the statistics of Maritime Central Airways and Eastern Provincial Airways have been combined with the other Group II carriers for the entire year. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except Number 6, which provides a breakdown of domestic and international operations for two Canadian carriers operating international unit toll services: Canadian Pacific Airlines and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis; also separate totals for Canadian and foreign carriers. Passengers, cargo and mail in transit through Canada are excluded.

Review of Operations

In 1963, the number of revenue passengers transported by Canadian air carriers increased 6.9 per cent to 5,633,480, while the revenue goods carried rose 9.1 per cent to 129,030 tons compared with the number of passengers and goods carried the previous year. Revenue miles flown were up 3.3 per cent to 102,564,907.

Operating revenues for 1963 totalled \$309,256,850, an increase of 8.7 per cent over 1962. Operating expenses totalled \$294,714,731, an increase of 6.3 per cent over 1962. As a result, the Canadian air carriers showed an operating income of \$14,542,145 compared with \$7,284,377 for the previous year. After provision for income taxes and other charges, an income of \$2,956,260 remained which contrasts with the \$4,597,327 deficit reported the previous year.

The six scheduled carriers transported 4,906,134 revenue passengers or 87.1 per cent of the 1963 total carried by Canadian airlines, and 77,743 tons of revenue goods, or 60.2 per cent of the total. During 1962 these same carriers transported 89.1 per cent of the revenue passengers and 56.9 per cent of the revenue goods. The scheduled carriers also accounted for 89.4 per cent of all operating revenues and 89.8 per cent of all operating expenses.

Data concerning carriers flying helicopters only are shown in Table 8. These carriers operate approximately two thirds of all commercial helicopters in Canada. During 1963 they flew a total of 8,350 revenue hours and reported operating revenues of \$6,143,698. Operating expenses for the same period amounted to \$5,784,346. A net income of \$470,932 (after income taxes) compares with \$283,401 reported in 1962.

The Group V carriers transported 157,402 revenue passengers and 5,471 tons of revenue goods during 1963. The operating revenues for the 255 carriers reporting in this group totalled \$9,043,877 and operating expenses amounted to \$9,219,515. In 1962, 234 Group V carriers reported operating revenues of \$8,056,583 and operating expenses of \$8,358,427.

The number of passengers carried by foreign carriers during 1963 rose 7.0 per cent to 850,954. Goods carried rose 5.7 per cent over the previous year to 12,421 tons. It should be noted that foreign carriers are required to report hours and miles flown over Canadian Territory only. Passengers and goods in transit are excluded from this report.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
Preliminary Annual 1963

	Canadian carriers							Grand total all carriers	Grand total 1962
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	Foreign carriers(2)			
		Group III(1)	Group IV	Total		United States carriers	Other Foreign carriers(3)		
Number of carriers reporting ...	6	20	69	89	95	10	9	114	107
Transportation services:									
Unit toll:									
Revenue departures	209,221	31,910	8,505	40,415	249,636	..	..	..	..
Revenue hours flown	266,840	26,317	5,498	31,815	298,655	3,780	11,538	312,973	327,702
Revenue miles scheduled	66,284,682	...	...	...	66,284,682	945,540	4,385,818	71,616,040	71,140,731
Revenue miles flown:									
Scheduled services	67,777,815	...	...	...	67,777,815	916,219	4,398,908	73,092,942	72,280,481
Non-scheduled services ...	4,024,249	3,263,780	680,785	3,944,565	7,968,814	-	-	7,968,814	9,095,809
Totals	71,802,064	3,263,780	680,785	3,944,565	75,746,629	916,219	4,398,908	81,061,756	81,576,290
Revenue passengers carried "	4,736,385	101,977	26,493	108,470	4,844,855	586,348	230,991	5,662,194	5,569,984
Revenue goods carried:									
Cargo	89,386,370	6,731,648	1,892,631	8,624,279	98,010,649	8,071,971	13,241,737	120,377,094	113,323,708
Excess baggage	890,869	71,010	90,858	161,868	1,052,737	-	-	45,210,723	41,596,384
Mail	40,440,427	1,189,724	262,776	1,452,500	41,892,927	1,612,258	1,705,538	165,587,817	154,920,092
Totals	130,717,666	7,992,382	2,246,265	10,238,647	140,956,313	9,684,229	14,947,275	3,832,248,493	3,666,655,321
Revenue passenger-miles No.	3,601,112,297	20,111,455	1,796,648	21,908,103	3,623,020,400	24,853,059	184,375,034	3,832,248,493	3,666,655,321
Revenue goods ton-miles:									
Cargo	48,843,042	1,692,707	700,083	2,392,790	51,235,832	188,580	4,940,974	58,747,717	50,045,948
Excess baggage	2,340,713	37,801	3,817	41,618	2,382,331	-	-	17,964,680	15,995,107
Mail	16,854,118	312,181	25,774	337,955	17,192,073	33,450	739,157	76,712,397	66,041,055
Totals	68,037,873	2,042,689	729,674	2,772,363	70,810,236	222,030	5,680,131	802,243	767,494
Bulk:									
Revenue - Departure	36,820	71,677	131,313	202,990	239,810	..	..	252,254	231,200
Hours flown	45,601	103,414	102,174	205,588	251,189	24	1,041	27,220,265	23,474,803
Miles flown	8,272,170	8,257,004	10,289,104	18,546,108	26,818,278	6,087	395,900	117,312,752	105,163,911
Passengers carried "	169,752	367,836	231,040	598,876	768,628	3,340	30,275	802,243	494,090
Freight carried .. lb.	24,768,705	59,132,178	33,202,232	92,334,410	117,103,115	-	209,637	117,312,752	105,163,911
Non-transportation services:									
Specialty flying:									
Revenue hours flown	3,161	21,829	55,940	77,769	80,930	-	-	80,930	83,382

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Grand total 1962
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Total									
	Scheduled carriers	Group III(1)	Group IV							
Groups I and II(1)				Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	246,041	103,587	139,818	324,335	570,376	3,804	12,579	647,157	642,284	..
Hours flown	315,602	151,560	163,612	315,172	630,774	922,306	4,794,808	108,282,021	104,851,093	..
Miles flown	80,074,234	11,520,784	10,969,889	22,490,673	102,564,907	589,688	261,266	6,484,434	6,064,074	..
Passengers carried	4,906,134	469,813	257,533	727,346	5,633,480	8,071,971	13,451,374	232,746,588	218,487,619(6)	..
Cargo carried	110,264,554	65,863,826	35,094,863	100,958,689	211,223,243	9,684,229	15,156,912	282,900,569	260,084,003	..
Goods carried	155,486,371	67,124,560	35,448,497	102,573,057	258,059,428					..
Non-revenue:										
Hours flown	8,834	7,415	5,787	13,202	22,036	19	7	22,062	25,972	..
Passengers carried .....	..	1,491	30	1,521	..	10,847	7,766	..	..	..
Goods carried .....	..	522,974	5,400	528,374	..	118,087	754,050	..	..	..
Passenger-miles	202,290,101	1,106,491	1,796,648	2,903,139	205,193,240	459,427	5,903,592	211,556,259	184,142,439	..
Goods ton-miles	6,314,005	286,859	506	287,365	6,601,370	2,873	234,603	6,838,846	6,774,968	..
Fuel consumed:										
Turbo fuel - Quantity	187,088,129	-	154,581	154,581	187,242,710	1,262,271	36,378,143	224,883,124	203,340,446	..
Cost	27,393,779	-	43,304	43,304	27,437,083	226,666	5,009,191	32,672,940	29,624,872	..
Gasoline - Quantity	11,307,951	6,342,452	2,597,405	8,939,857	20,247,808	829,032	1,950,100	23,026,940	23,548,248	..
Cost	3,763,849	2,578,250	1,159,873	3,738,123	7,501,972	217,263	511,052	8,230,287	8,135,449	..
Oil consumed:										
Turbo aircraft - Quantity ..	55,830	-	28	28	55,858	85	1,070	57,013	53,759	..
Cost	420,816	-	420	420	421,236	541	9,237	431,014	452,357	..
Other aircraft - Quantity ..	225,233	80,308	43,901	124,209	349,442	7,562	-	357,004	289,251	..
Cost	182,940	132,561	56,647	189,208	372,148	5,953	-	378,101	348,786	..
Average number of employees:										
Flying personnel	2,151	386	272	658	2,809	..	..	..	..	..
Other personnel	13,557	716	493	1,209	14,766	..	..	..	..	..
Totals	15,708	1,102	765	1,867	17,575	250	741	18,566	18,816	..
Salaries and wages paid:										
Flying personnel	20,047,010	3,260,902	1,896,705	5,157,607	25,204,617	..	..	..	..	..
Other personnel	77,185,465	3,872,223	2,271,241	6,143,464	83,328,929	..	..	..	..	..
Totals	97,232,475	7,133,125	4,167,946	11,301,071	108,533,546	1,392,445	4,038,742	113,964,733	110,919,382	..

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1962
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	212,616,533	10,142,576	222,759,109	2,597,731	334,153	2,931,884	225,690,993	211,140,012
Express	3,704,814	639,935	4,344,749	97,310	30,749	128,059	4,472,808	4,348,518
Freight	11,587,520	1,731,600	13,319,120	958,645	101,668	1,060,313	14,379,433	12,368,042
Excess baggage	1,313,238	205,316	1,518,554	54,016	6,945	60,961	1,579,515	1,525,865
Mail	13,651,910	1,602,136	15,254,046	489,778	69,383	559,161	15,813,207	14,414,876
Total unit toll transportation ..	242,874,015	14,321,563	257,195,578	4,197,480	542,898	4,740,378	261,935,956	243,797,313
Bulk transportation	9,635,869	6,321,009	15,956,878	13,033,231	7,870,793	20,904,024	36,860,902	27,993,791
Total transportation	252,509,884	20,642,572	273,152,456	17,230,711	8,413,691	25,644,402	298,796,858	271,791,104
Other flying services	77,794	334,434	412,228	2,698,117	1,849,243	4,547,360	4,959,588	7,321,735
Total flying services	252,587,678	20,977,006	273,564,684	19,928,828	10,262,934	30,191,762	303,756,446	279,112,839
Non-flying services	2,943,395	269,634	3,213,029	673,974	1,613,401	2,287,375	5,500,404	5,505,482
Total operating revenues	255,531,073	21,246,640	276,777,713	20,602,802	11,876,335	32,479,137	309,256,850	284,618,321
Operating expenses:								
Flying operations	63,021,703	7,220,285	70,241,988	8,222,165	4,322,276	12,544,441	82,786,429	76,222,337
Maintenance	48,287,189	5,657,098	53,944,287	5,595,170	2,928,644	8,523,814	62,468,101	61,146,028
General services and administration:								
Passenger service	18,452,783	550,739	19,003,522	..	..	..	..	..
Aircraft and traffic servicing	35,008,919	2,840,660	37,849,579	..	..	..	..	..
Promotion and sales	39,688,001	1,456,516	41,144,517	..	..	..	..	..
General administration	10,470,296	1,391,329	11,861,625	..	..	..	..	..
Totals	103,619,999	6,239,244	109,859,243	3,835,307	2,044,073	5,879,380	115,738,623	108,670,365
Depreciation and amortization	28,690,256	1,809,214	30,499,470	2,072,295	1,149,813	3,222,108	33,721,578	31,295,214
Total operating expenses	243,619,147	20,925,841	264,544,988	19,724,937	10,444,806	30,169,743	294,714,731	277,333,944
Operating income (loss)	11,911,926	320,825	12,232,751	877,865	1,431,529	2,309,394	14,542,145	7,284,377
Non-operating income - Net:								
Capital gains and losses	294,268	402,065	696,333	390,208	110,130	500,338	1,196,671	Dr.
Interest and discounts	1,414,432	6,377	1,420,809	106,074	13,952	120,026	1,540,835	1,753,421
Miscellaneous non-operating income ..	126,410	12,068	138,478	Dr.	4,676	37,346	175,824	Dr.
Income before interest expense	13,747,036	741,309	14,488,345	1,369,471	1,597,633	2,967,104	17,455,449	8,375,911
Interest expense	12,872,522	632,186	13,504,708	371,787	217,533	589,320	14,094,028	12,848,478
Income before income taxes	874,514	109,123	983,637	997,684	1,380,100	2,377,784	3,361,421	Dr.
Provision for income taxes	-	115,145	115,145	114,186	175,830	290,016	405,161	124,760
Net income after income taxes	874,514	Dr.	868,492	883,498	1,204,270	2,087,768	2,956,260	Dr.
Net income after income taxes	874,514	Dr.	868,492	883,498	1,204,270	2,087,768	2,956,260	Dr.

1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1962
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	44,963,159	2,191,965	2,956,118	2,968,832	2,025,661	167,653,374	222,759,109	206,825,056
Express	204,968	102,140	115,103	400,723	21,969	3,499,846	4,344,749	4,172,328
Freight	2,839,888	735,691	731,057	-	264,852	8,747,632	13,319,120	11,275,074
Excess baggage	415,670	43,678	72,028	69,684	19,926	897,568	1,518,554	1,412,317
Mail	2,709,308	633,894	521,774	144,081	302,387	10,942,602	15,254,046	13,626,995
Total unit toll transportation ..	51,132,993	3,707,368	4,396,080	3,583,320	2,634,795	191,741,022	257,195,578	237,311,770
Bulk transportation	4,122,988	1,465,395	1,835,955	40,987	2,978,672	5,512,881	15,956,878	9,264,439
Total transportation	55,255,981	5,172,763	6,232,035	3,624,307	5,613,467	197,253,903	273,152,456	246,576,209
Other flying services	-	332,375	-	-	2,059	77,794	412,228	29,693
Total flying services	55,255,981	5,505,138	6,232,035	3,624,307	5,615,526	197,331,697	273,564,684	246,605,902
Non-flying services	884,802	148,670	58,473	33,244	29,247	2,058,593	3,213,029	3,045,439
Total operating revenues	56,140,783	5,653,808	6,290,508	3,657,551	5,644,773	199,390,290	276,777,713	249,651,341
Operating expenses:								
Flying operations	20,247,740	2,094,561	2,182,433	1,011,813	1,931,478	42,773,963	70,241,988	62,058,301
Maintenance	9,044,972	1,599,755	1,377,789	924,274	1,755,280	39,242,217	53,944,287	51,603,045
General services and administrations:								
Passenger service	4,910,039	134,437	157,193	68,352	190,757	13,542,744	19,003,522	18,308,377
Aircraft and traffic servicing	6,263,787	896,954	1,321,341	323,844	298,521	28,745,132	37,849,579	35,322,181
Promotion and sales	10,398,368	173,605	229,407	606,986	446,518	29,289,633	41,144,517	37,257,534
General administration	2,247,569	392,581	381,601	321,934	295,213	8,222,777	11,861,625	11,027,847
Totals	23,819,763	1,597,577	2,089,542	1,321,116	1,231,009	79,800,236	109,859,243	101,915,939
Depreciation and amortization	2,384,907	694,776	396,283	380,842	337,313	26,305,349	30,499,470	27,761,613
Total operating expenses	55,497,382	5,986,669	6,046,047	3,638,045	5,255,080	188,121,765	264,544,988	243,338,898
Operating income (loss)	643,401	332,835	244,461	19,506	389,693	11,268,525	12,232,751	6,312,443
Non-operating income - Net:								
Capital gains and losses	346,640	56,340	12,043	314,629	19,053	52,372	696,333	Dr. 344,212
Interest and discounts	610,727	5,203	-	348	826	803,705	1,420,809	1,693,428
Miscellaneous non-operating income ..	Dr. 119	6,167	13,320	Dr. 2,853	Dr. 4,566	126,529	138,478	Dr. 624,027
Income before interest expense	1,600,649	Dr. 265,151	269,824	331,630	405,006	12,146,387	14,488,345	7,037,632
Interest expense	1,254,009	217,975	159,070	161,947	93,194	11,618,513	13,504,708	12,032,644
Income before income taxes	346,640	Dr. 483,126	110,754	169,683	311,812	527,874	983,637	Dr. 4,995,012
Provision for income taxes	-	145	-	-	115,000	-	115,145	Cr. 68,467
Net income after income taxes	346,640	Dr. 483,271	110,754	169,683	196,812	527,874	868,492	Dr. 4,926,545

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways(1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures No.	21,936	134,470	156,406	13,590	13,032	13,132	13,061	52,815	209,221
Revenue hours flown	42,699	173,678	216,377	12,115	13,952	10,231	14,165	50,463	266,840
Revenue miles scheduled	14,193,868	47,717,855	61,911,723	309,321	1,877,060	1,046,956	1,139,622	4,372,959	66,284,682
Revenue miles flown:									
Scheduled services - Regular	13,988,053	47,157,436	61,145,489	288,063	1,754,802	979,070	1,111,063	4,132,998	65,278,487
Extra section	122,850	2,025,879	2,148,729	7,480	121,988	42,068	179,063	350,599	2,499,328
Non-scheduled services	628,060	-	628,060	1,668,857	217,345	811,385	698,602	3,396,189	4,024,249
Totals	14,738,963	49,183,315	63,922,278	1,964,400	2,094,135	1,832,523	1,988,728	7,879,786	71,802,064
Ratio of regular miles flown to miles scheduled	98.5	98.8	...	93.1	93.5	93.5	97.5	...	...
Revenue passengers carried No.	465,931	3,883,590	4,349,521	88,784	126,506	105,045	66,529	386,864	4,736,385
Revenue goods carried:									
Express	913,265	10,203,310	11,116,575	44,916	337,044	1,985,779	146,897	2,514,636	13,631,211
Freight	6,804,132	53,263,721	60,067,853	8,215,166	5,898,474	-	1,573,666	15,687,306	75,755,159
Excess baggage .....	...	...	...	206,507	221,853	357,261	105,248	890,869	890,869(2)
Mail	2,363,447	31,702,187	34,065,634	2,199,943	1,920,029	1,167,664	1,087,157	6,374,793	40,440,427
Totals	10,080,844	95,169,218	105,250,062	10,666,532	8,377,400	3,510,704	2,912,968	25,467,604	130,717,666
Revenue passenger-miles:									
Scheduled services	776,618,318	2,701,898,887	3,478,517,205	8,711,336	33,395,478	18,874,194	19,135,059	74,595,069	3,553,112,274
Non-scheduled services	13,899,316	-	13,899,316	14,474,896	677,674	15,270,456	3,677,681	34,100,707	48,000,023
Totals	790,517,634	2,701,898,887	3,492,416,521	17,665,234	34,073,152	34,144,650	22,812,740	108,695,776	3,601,112,297
Available seat-miles on scheduled services	1,670,708,243	4,586,419,433	6,257,127,676	12,908,462	76,888,685	34,461,408	45,555,485	169,814,040	6,426,941,716
Passenger load factor on scheduled services	46.5	59.3	...	67.1(5)	43.4	54.8	42.0	...	...
Revenue goods ton-miles:									
Express - Scheduled services	234,261	3,757,909	3,992,170	5,205	93,008	205,295	28,280	331,788	4,323,958
Non-scheduled services	10,210	-	10,210	3,669	-	171,391	5,435	180,495	190,705
Totals	244,471	3,757,909	4,002,380	8,874	93,008	376,686	33,715	512,283	4,514,663
Freight - Scheduled services	8,507,696	32,021,598	40,529,294	115,272	1,548,393	-	90,977	1,754,642	42,283,936
Non-scheduled services	24,806	-	24,806	1,789,190	35,660	-	194,787	2,019,637	2,044,443
Totals	8,532,502	32,021,598	40,554,100	1,904,462	1,584,053	-	285,764	3,774,279	44,328,379

See footnotes at end of table.

Preliminary Annual 1963

- 11 -

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways(1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services	464,186	1,698,948	2,163,134	26,511	37,850	33,853	17,581	115,795	2,278,929
Non-scheduled services	1,230	-	1,230	18,069	544	37,973	3,968	60,554	61,784
Totals	465,416	1,698,948	2,164,364	44,580	38,394	71,826	21,549	176,349	2,340,713
Mail - Scheduled services	2,233,101	13,572,366	15,805,467	84,754	477,562	10,320	68,075	640,711	16,446,178
Non-scheduled services	46,368	-	46,368	197,783	2,979	86,750	74,060	361,572	407,940
Totals	2,279,469	13,572,366	15,851,835	282,537	480,541	97,070	142,135	1,002,283	16,854,118
Total - Scheduled services	11,439,244	51,050,821	62,490,065	231,742	2,156,813	249,468	204,913	2,842,936	65,333,001
Non-scheduled services	82,614	-	82,614	2,008,711	39,183	296,114	278,250	2,622,258	2,704,872
Totals	11,521,858	51,050,821	62,572,679	2,240,453	2,195,996	545,582	483,163	5,465,194	68,037,873
Available ton-miles on scheduled services									
Weight load factor on scheduled services(3)	219,397,634	627,354,351	846,751,985	1,391,919	10,626,666	3,414,528	5,114,844	20,547,957	867,299,942
	40.7	51.2	...	79.2(5)	51.7	62.6	41.4	...	...
Bulk:									
Revenue - Departures	851	1,296	2,147	11,113	18,757	140	4,663	34,673	36,820
Hours flown	4,742	4,597	9,339	10,422	16,038	191	9,611	36,262	45,601
Miles flown	1,576,103	2,022,430	3,598,533	1,161,683	1,840,529	28,008	1,643,417	4,673,637	8,272,170
Passengers carried	32,314	60,249	92,563	31,240	32,094	711	13,141	77,189	169,752
Freight carried	33,372	15,120	48,492	3,890,521	10,572,488	169,385	10,087,819	24,720,213	24,768,705
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	256	256	2,868	-	-	37	2,905	3,161
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	22,787	135,766	158,553	24,703	31,789	13,272	17,724	87,488	246,041
Hours flown	47,441	178,531	225,972	25,405	29,990	10,422	23,813	89,630	315,602
Miles flown	16,315,066	51,205,745	67,520,811	3,126,083	3,934,664	1,860,531	3,632,145	12,553,423	80,074,234
Passengers carried	498,245	3,943,839	4,442,084	120,024	158,600	105,756	79,670	464,050	4,906,134
Cargo carried	7,750,769	63,482,151	71,232,920	8,260,082	16,808,006	2,155,164	11,808,382	39,031,634	110,264,554
Goods carried	10,114,216	95,184,338	105,298,554	14,557,053	18,949,888	3,680,089	13,000,787	50,187,817	155,486,371

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles (4) - Concluded:									
Non-revenue:									
Hours flown No.	1,384	3,111	4,495	1,632	1,381	290	1,036	4,339	8,834
Passengers carried "	20,450	..	..	4,212	3,974	1,843	1,697	11,726	..
Goods carried lb.	1,506,307	..	..	195,919	434,832	-	229,137	859,888	..
Passenger-miles No.	40,082,612	158,345,248	198,427,860	1,189,370	1,209,320	580,840	882,711	3,862,241	202,290,101
Goods ton-miles "	2,043,525	4,042,846	6,086,371	43,427	129,595	-	54,612	227,634	6,314,005
Fuel consumed:									
Turbo fuel - Quantity gal.	42,777,713	141,246,140	184,023,853	1,183,457	-	1,495,247	385,572	3,064,276	187,088,129
Cost \$	7,502,420	19,202,169	26,704,589	263,958	-	331,953	93,279	689,190	27,393,779
Gasoline - Quantity gal.	4,367,212	104,338	4,471,550	1,342,955	2,559,026	303,625	2,630,795	6,836,401	11,307,951
Cost \$	1,224,706	32,288	1,256,994	466,134	993,032	104,591	943,098	2,506,855	3,763,849
Oil consumed:									
Turbo aircraft - Quantity .. gal.	5,305	37,152	42,457	5,956	-	7,417	-	13,373	55,830
Cost \$	41,307	363,222	404,529	8,247	-	8,040	-	16,287	420,816
Other aircraft - Quantity .. gal.	54,010	1,186	55,196	96,254	31,645	7,534	34,604	170,037	225,233
Cost \$	51,318	1,143	52,461	50,515	39,555	5,805	34,604	130,479	182,940
Average number of employees:									
Flying personnel No.	477	1,396	1,873	87	78	37	76	278	2,151
Other personnel "	2,161	10,191	12,352	370	328	238	269	1,205	13,557
Totals "	2,638	11,587	14,225	457	406	275	345	1,483	15,708
Salaries and wages paid:									
Flying personnel \$	4,796,142	13,048,768	17,844,910	564,974	775,282	300,026	561,818	2,202,100	20,047,010
Other personnel \$	11,547,882	60,105,261	71,653,143	1,400,852	1,777,098	1,127,608	1,226,764	5,532,322	77,185,465
Totals \$	16,344,024	73,154,029	89,498,053	1,965,826	2,552,380	1,427,634	1,788,582	7,734,422	97,232,475

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Eastern Provincial Airways did not report scheduled services prior to the merger with Maritime Central Airways.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	385,740	79,825	119,837	105,045	59,557	3,283,955	4,033,959
Domestic interline	34,201	5,007	-	-	-	599,635	681,434
Foreign interline	42,591	-	-	-	-	-	-
Totals(2)	462,532	85,982	119,837	105,045	59,557	3,883,590	4,715,393
Revenue express carried:							
Originated	913,265	44,916	337,044	1,985,779	146,897	10,203,310	13,631,211
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	913,265	44,916	337,044	1,985,779	146,897	10,203,310	13,631,211
Revenue freight carried:							
Originated	5,650,487	6,760,602	5,584,429	-	753,977	53,263,721	72,013,216
Domestic interline	139,517	-	-	-	-	-	139,517
Foreign interline	341,158	-	-	-	-	-	341,158
Totals(2)	6,131,162	6,760,602	5,584,429	-	753,977	53,263,721	72,493,891
Revenue excess baggage carried:							
Originated .....	..	203,594	214,192	357,261	91,317	..	866,364
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	203,594	214,192	357,261	91,317	..	866,364(3)
Revenue mail carried:							
Originated	2,363,447	1,627,419	1,882,521	1,167,664	346,900	31,702,187	39,090,138
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	2,363,447	1,627,419	1,882,521	1,167,664	346,900	31,702,187	39,090,138

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes Division Interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

Preliminary Annual 1963

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	21,633	5,775	4,238	1,290	32,936	123,470	156,406
Revenue hours flown	30,316	22,288	11,715	8,132	72,451	143,926	216,377
Revenue miles scheduled	6,665,392	10,131,144	4,823,302	3,458,955	25,078,793	36,832,930	61,911,723
Revenue miles flown:							
Scheduled services - Regular	6,533,337	9,963,899	4,807,043	3,423,497	24,727,776	36,417,713	61,145,489
Extra sections	418,793	138,156	357,689	43,476	958,114	1,190,615	2,148,729
Non-scheduled services	-	-	-	-	-	628,060	628,060
Totals	6,952,130	10,102,055	5,164,732	3,466,973	25,685,890	38,236,388	63,922,278
Ratio of regular miles flown to miles scheduled	98.0	98.3	99.7	99.0	98.6	98.9	98.8
Revenue passengers carried .....	...	...	...	...	1,443,725	2,905,796	4,349,521
Revenue cargo carried .....	...	...	...	...	30,833,736	40,350,692	71,184,428
Revenue mail carried .....	...	...	...	...	4,680,876	29,384,758	34,065,634
Revenue passenger-miles	360,097,745	642,167,088	317,288,450	182,719,114	1,502,272,397	1,990,144,124	3,492,416,521
Available seat-miles on scheduled services	562,824,737	1,325,836,577	673,250,536	428,797,679	2,990,709,529	3,266,418,147	6,257,127,676
Passenger load factor on scheduled services ...	64.0	48.4	47.1	42.6	50.2	60.9	55.8
Revenue goods ton-miles:							
Express	635,369	-	-	-	635,369	3,667,011	4,002,380
Freight	3,039,998	10,026,177	2,849,072	3,250,776	19,166,023	21,388,077	40,554,100
Excess baggage	208,867	308,788	315,824	115,907	947,386	1,216,978	2,164,364
Mail	471,203	2,375,347	608,725	1,077,057	4,532,332	11,319,503	15,851,835
Totals	4,353,437	12,710,312	3,773,621	4,443,740	25,281,110	37,291,569	62,572,679
Available ton-miles on scheduled services	69,519,155	186,051,320	93,305,552	55,409,642	404,285,669	442,466,316	846,751,985
Weight load factor on scheduled services(1) ...	58.1	41.3	38.0	41.0	43.4	53.1	48.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

Preliminary Annual 1963

	1963		1962	
	Revenue hours	Revenue earned \$	Revenue hours	Revenue earned \$
Flying training	35,782	627,467	34,371	576,096
Recreational flying	12,678	299,401	10,909	226,408
Aerial photography and survey	4,347	705,664	6,200	1,067,044
Aerial photography (excluding survey)	1,603	198,664	663	25,553
Aerial pest control	2,558	386,365	4,265	590,103
Aerial advertising	110	9,604	116	15,334
Aerial patrol and inspection	13,958	1,255,361	14,098	1,206,452
Aircraft rental	415	11,403	-	-
Aerial fish cultivation	10	1,240	48	4,809
Geophysical survey	8,239	966,562	9,878	991,814
Non-transportation charter	1,194	171,106	781	116,681
Other specialty flying	1,636	337,886	2,053	327,814
Total specialty flying	82,530	4,970,723	83,382	5,148,108

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

Preliminary Annual 1963

	1963	1962
Revenue hours flown	53,350	49,087
Average number of aircraft	136	117
Average number of employees:		
Flying personnel	135	197
Other personnel	101	127
Totals	236	324
Salaries and wages paid:		
Flying personnel	1,114,568	1,536,296
Other personnel	620,120	872,880
Totals	1,734,688	2,409,176
Operating revenues:		
Bulk transportation	5,388,619	5,540,499
Other flying services	596,397	616,445
Non-flying services	158,682	556,101
Totals	6,143,698	6,713,045
Operating expenses:		
Flying operations	2,435,624	2,508,257
Maintenance	1,786,168	2,021,359
General services and administration ..	774,655	674,227
Depreciation and amortization	787,899	1,139,695
Totals	5,784,346	6,343,538
Operating income (loss)	359,352	369,507
Net income (deficit) after income taxes \$	470,932	283,401

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

Preliminary Annual 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	858,199	852,358	1,710,557	155,389	191,013	346,402
Bulk transportation "	5,071	4,532	9,603	50,364	49,830	100,194
Totals "	863,270	856,890	1,720,160	205,753	240,843	446,596
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	6,105,515	23,444,881	29,550,396	5,507,318	12,724,985	18,232,303
Bulk transportation "	15,120	-	15,120	8,907	200,730	209,637
Totals "	6,120,635	23,444,881	29,565,516	5,516,225	12,925,715	18,441,940
Mail carried (unit toll transportation) "	1,518,186	2,761,206	4,279,392	1,388,495	1,589,417	2,977,912
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	79,360	82,198	161,558	1,092,948	1,125,569	2,218,517
Bulk transportation "	1,718	1,564	3,282	57,153	55,926	113,079
Totals "	81,078	83,762	164,840	1,150,101	1,181,495	2,331,569
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	1,899,027	1,172,575	3,071,602	13,511,860	37,342,441	50,854,301
Bulk transportation "	33,372	-	33,372	57,399	200,730	258,129
Totals "	1,932,399	1,172,575	3,104,974	13,569,259	37,543,171	51,112,430
Mail carried (unit toll transportation) "	194,643	241,601	436,244	3,101,324	4,592,224	7,693,548
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	688,728	712,450	1,401,178	404,220	413,119	817,339
Bulk transportation "	40,680	38,930	79,610	16,473	16,996	33,469
Totals "	729,408	751,380	1,480,788	420,693	430,115	850,808
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	8,644,895	20,895,608	29,540,503	4,866,965	16,446,833	21,313,798
Bulk transportation "	48,492	-	48,492	8,907	200,730	209,637
Totals "	8,693,387	20,895,608	29,588,995	4,875,872	16,647,563	21,523,435
Mail carried (unit toll transportation) "	2,135,875	2,239,877	4,375,752	965,449	2,352,347	3,317,796

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers

Preliminary Annual 1963

	Year 1963	Year 1962
Number of reporting carriers	255	234
Bulk transportation:		
Revenue hours flown	75,724	75,799
Revenue passengers carried	157,402	156,504
Revenue goods carried	10,942,948	10,227,452
Specialty flying services:		
Revenue hours flown:		
Flying training	70,003	62,380
Recreational flying	20,376	14,754
Aerial photography and survey	1,112	613
Aerial photography (excluding survey)	559	536
Aerial pest control	6,010	5,898
Aerial advertising	14	190
Aerial patrol and inspection	4,874	4,290
Aircraft rental	12,913	-
Aerial fish cultivation	80	-
Geophysical survey	-	351
Non-transportation charter	30	36
Other specialty flying	3,725	13,697
Total specialty flying services ..	119,696	102,745
Total - All services:		
Revenue hours flown	195,420	178,544
Non-revenue hours flown	11,600	11,870

TABLE 11. Statement of Income, Canadian Group V Carriers

Preliminary Annual 1963

	Year 1963	Year 1962
Operating revenues:		
Bulk transportation	3,860,140	3,806,755
Other flying services	2,857,195	2,705,648
Total flying services	6,717,335	6,512,403
Non-flying services	2,326,542	1,544,180
Total operating revenues	9,043,877	8,056,583
Operating expenses:		
Flying operations	3,911,508	3,949,490
Maintenance	1,601,806	1,400,285
General services and administration	2,539,417	1,875,962
Depreciation	1,166,784	1,132,690
Total operating expenses	9,219,515	8,358,427
Operating income (loss)	Dr. 175,638	Dr. 301,844
Non-operating income - Net	Dr. 164,147	Dr. 129,012
Income before income taxes	Dr. 339,785	Dr. 430,856
Provision for income taxes	74,889	87,058
Net income after income taxes	Dr. 414,674	Dr. 517,914

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

00
(CATALOGUE No.

51-201

ANNUAL)



Canada. Statistics, Bureau of

CIVIL AVIATION

PRELIMINARY ANNUAL

1964

Published by Authority of
The Minister of Trade and Commerce



(DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section)

July 1965
8504-512

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

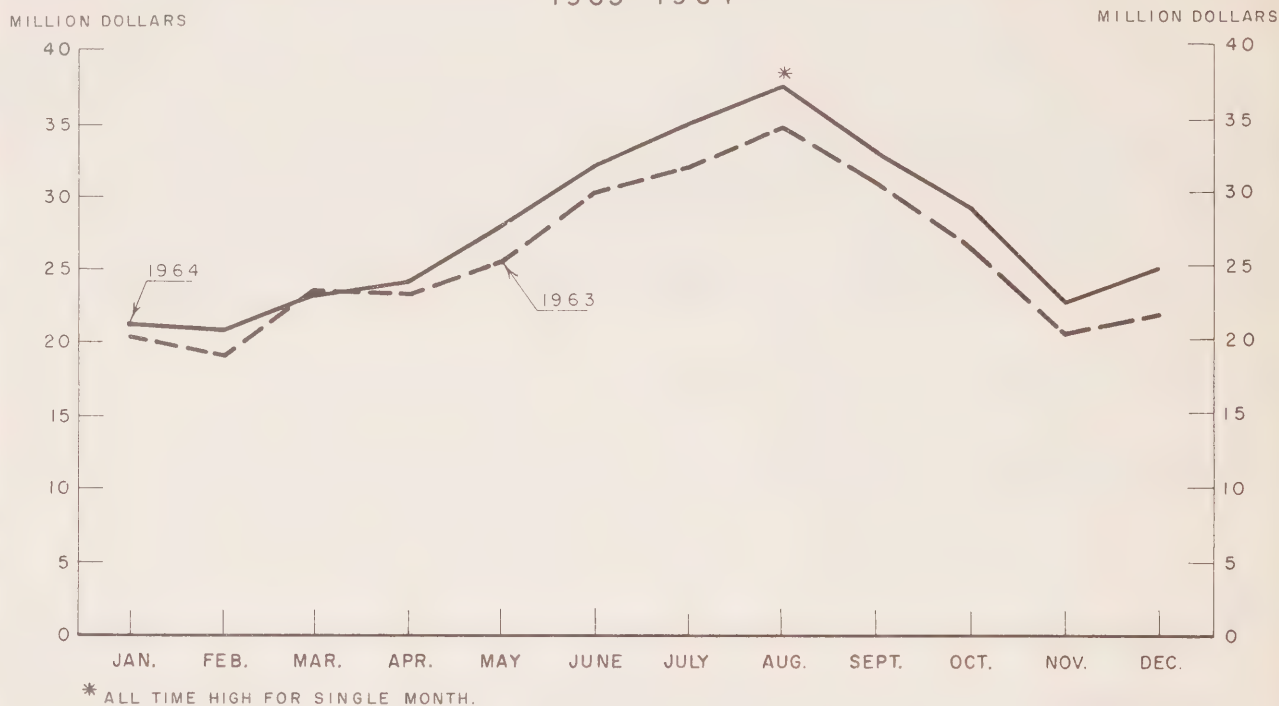
<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

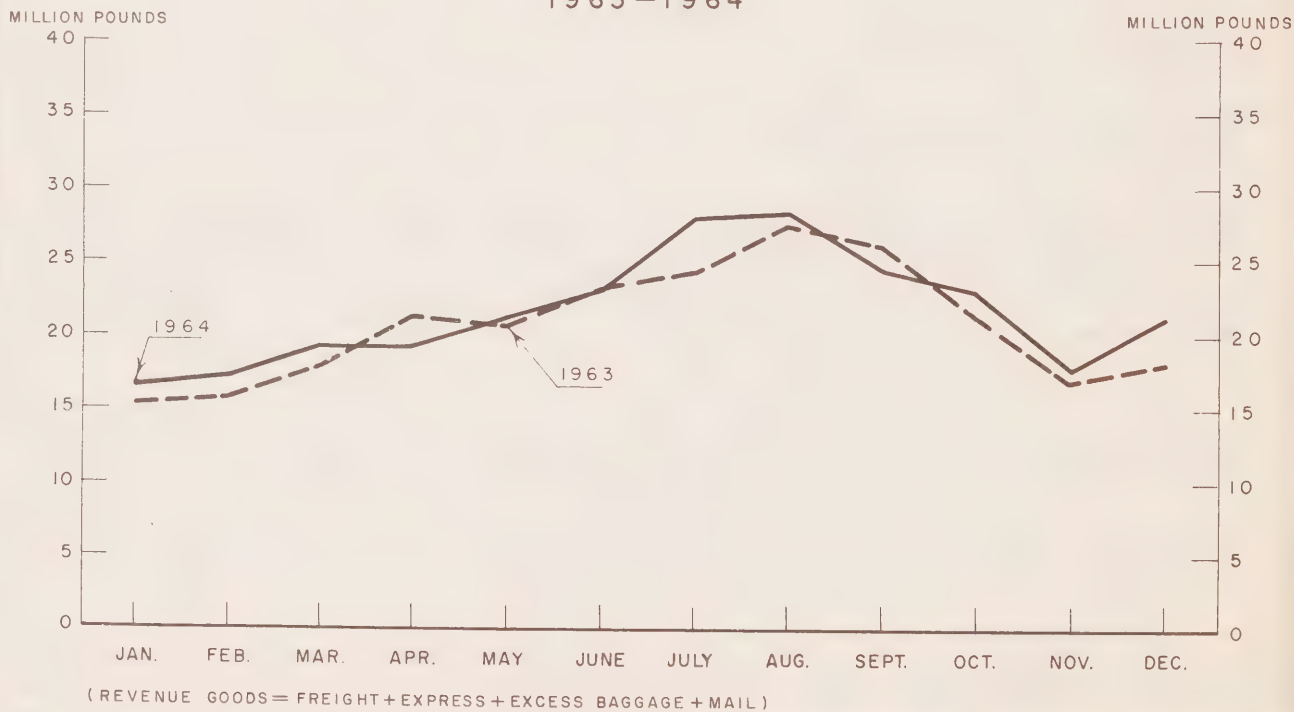
TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Percentage distribution of revenue passenger-miles performed by Canadian carriers in international unit toll services during 1964	5
Revenue passengers carried on international flights by Canadian and foreign carriers in unit toll services, 1955-1964	5
SYMBOLS	6
Introduction and Review of operations	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19
Civil Aviation Definitions	20

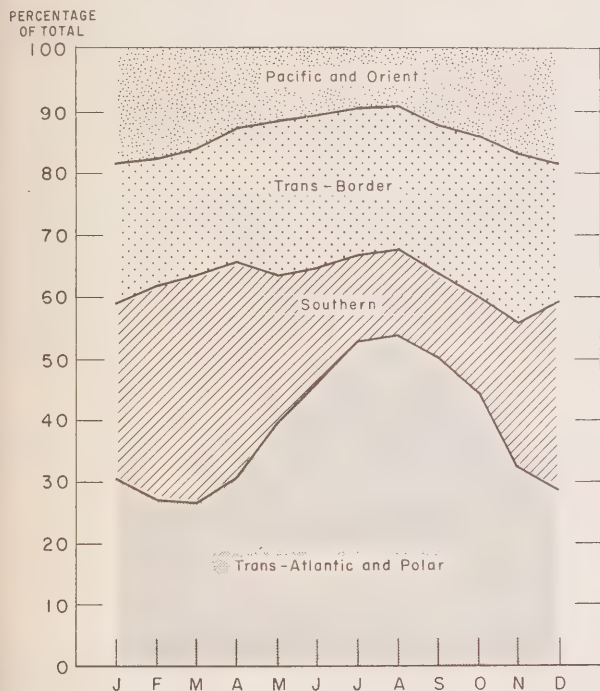
OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



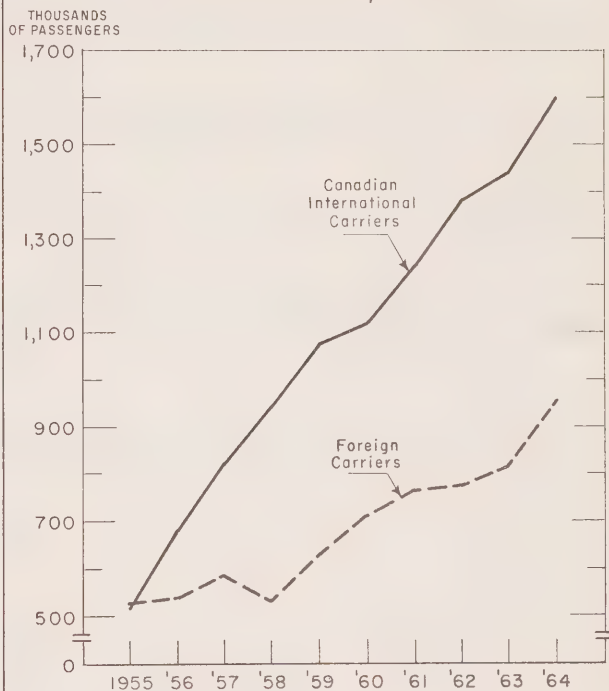
REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



PERCENTAGE DISTRIBUTION OF REVENUE PASSENGER-MILES
PERFORMED BY CANADIAN CARRIERS
IN INTERNATIONAL UNIT TOLL SERVICES DURING 1964



REVENUE PASSENGERS CARRIED ON INTERNATIONAL FLIGHTS
BY CANADIAN AND FOREIGN CARRIERS
IN UNIT TOLL SERVICES, 1955-1964



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1964". Data shown in this report are subject to revision.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V is comprised of the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout this report. In 1964 the financial statement will appear in the Annual only.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. This data refers only to aircraft which have a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights were added to Table 6. It should be noted that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains operations of both Canadian and Foreign carriers with separate totals for each group.

Beginning with the January 1964 issue of "Civil Aviation", helicopter operating statistics have been divided into two groups; one group for carriers operating helicopters only and another for those carriers operating both fixed wing aircraft and helicopters. Specialty flying statistics have been divided into operations performed by helicopters and fixed wing aircraft.

Review of Operations

The number of revenue passengers carried by Canadian air carriers in 1964 increased 6.8 per cent over the 1963 total while the tons of revenue goods carried increased 7.6 per cent over the previous year. The totals for 1964 were 5,779,429 passengers and 135,098 tons of goods. Revenue miles flown were up less than 1 per cent to 103,381,381. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 4,407,383,393 and 105,827,922 respectively. Unit toll services accounted for 89.4 per cent of the total passenger-miles and 83.1 per cent of the total goods-ton-miles.

Operating revenues of Canadian carriers totalled \$335,021,165 in 1964 an increase of 8.5 per cent over the previous year. Operating expenses rose 7.2 per cent to \$315,309,194 for the year. An operating income of \$19,711,971 was reported as compared with an operating income of \$14,693,743 for 1963. A net income after provision for income taxes of \$8,519,180 resulted as compared with a net income of \$1,390,060 reported in 1963.

Revenue hours reported flown by 14 carriers that operate 143 helicopters exclusively amounted to 64,019 as compared with a total of 53,350 hours reported for 1963. Hours flown by 7 fixed wing carriers that operate 32 helicopters totalled 14,513 in 1964. Operating revenues of helicopter operators totalled \$7,570,070 in 1964 as compared with \$6,119,506 in 1963. Operating expenses totalled \$6,515,124 in 1964 and \$5,692,423 in 1963. Net incomes of \$847,100 and \$518,473 were reported for 1964 and 1963 respectively.

The six scheduled carriers transported 5,248,038 revenue passengers during 1964 or 90.8 per cent of the passengers carried by all Canadian carriers. They carried 87,208 tons of revenue goods or 64.5 per cent of the total. Operating revenues of \$298,712,229 and operating expenses of \$282,374,369 were reported for the year or 89.2 per cent and 89.5 per cent of the total operating revenues and expenses of Canadian carriers. Comparable figures for 1963 are: passengers 87.1 per cent, goods 60.2 per cent, revenues 89.4 per cent and expenses 89.8 per cent.

The Group V carriers transported 213,231 revenue passengers and 8,271 tons of revenue goods during 1964.

The number of passengers carried by foreign carriers during 1964 rose 16.6 per cent to 992,564. Goods carried increased 12.5 per cent to 15,583 tons in 1964. Foreign carriers report only hours and miles flown over Canadian territory. Passengers and goods in transit are excluded from this report.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1964

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Grand total 1963
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)				
	Scheduled carriers									
	Group I and II(1)	Group III(1)	Group IV				Total			
Number of carriers reporting ...	6	16	52	67	73	10	9	92	114	
Revenue transportation services:										
Unit toll:										
Departures	210,952	27,283	7,316	34,599	245,551	..	..	..	..
Hours flown	267,642	28,851	4,298	33,149	300,791	4,025	13,095	317,911	313,973	
Miles scheduled	74,407,358	...	...	...	74,407,358	991,490	5,088,041	80,486,889	71,616,040
Miles flown: (4)										
Scheduled	69,147,014	...	...	...	69,147,014	979,151	5,298,605	75,424,770	73,092,942
Non-scheduled	3,172,029	3,569,613	515,291	4,084,904	7,256,933	-	-	7,256,933	7,968,814	
Totals	72,319,043	3,569,613	515,291	4,084,904	76,403,947	979,151	5,298,605	82,681,703	81,061,756	
Passengers carried	5,056,250	110,385	30,673	141,058	5,197,303	670,766	285,518	6,153,592	5,682,194	
Goods carried:										
Cargo	106,693,640	6,677,797	2,487,983	9,165,780	115,859,420	9,268,134(8)	17,703,667(8)	144,469,136	120,377,093	
Excess baggage	1,477,641(5)	63,446	96,828	160,274	1,637,915	-	-	50,703,945	45,210,723	
Mail	45,172,039	1,393,291	237,351	1,630,642	46,802,681	1,742,116	2,159,150	195,173,081	165,587,816	
Totals	153,343,320	8,134,534	2,822,162	10,956,666	164,300,016	11,010,248	19,862,817	4,200,293,067	3,832,248,493	
Passenger-miles	3,916,578,216	20,867,861	1,629,052	22,496,913	3,939,075,129	28,640,311	232,577,627	4,200,293,067	3,832,248,493	
Goods ton-miles:										
Cargo	62,029,668	1,870,549	2,123,143	3,993,692	66,023,360	215,524	6,654,573	75,908,279	58,747,717	
Excess baggage	2,979,342	31,554	3,426	34,980	3,014,822	-	-	19,896,813	18,302,847	
Mail	18,584,431	354,808	13,381	368,189	18,952,620	37,864	906,329	95,805,092	77,050,564	
Totals	83,593,941	2,256,911	2,139,950	4,396,861	87,990,802	253,388	7,560,902	75,908,279	58,747,717	
Bulk:										
Departures	35,426	73,387	142,457	215,844	251,270	..	..	..	..
Hours flown	46,630	101,775	114,510	216,285	262,915	32	1,124	264,071	252,053	
Miles flown	8,729,393	8,070,375	10,177,666	18,248,041	26,977,434	7,472	401,480	27,386,386	27,220,265	
Passengers carried	191,788	166,741	223,592	390,333	582,121	4,873	31,407	618,401	596,104	
Freight carried	21,071,770	53,261,801	31,563,296	84,825,097	105,896,867	-	195,552	106,092,419	110,311,752	
Passenger-miles(6)	406,442,682	59,698,434	2,167,148	61,865,582	468,308,264	..	..	..	..
Goods ton-miles(6)	5,593,680	9,729,645	2,513,795	12,243,440	17,837,120	-	..	..	..
Revenue non-transportation services:										
Specialty flying - Hours flown "	2,229	15,838	78,872	94,710	96,939	-	-	96,939	80,930	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1964

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Grand total all 1963
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures	246,378	100,670	149,773	250,443	496,821	..	..	..	..	..
Hours flown	316,501	146,464	197,680	344,144	660,645	4,057	14,219	678,921	..	646,956
Miles flown	81,048,436	11,639,988	10,692,957	22,332,945	103,381,381	986,623	5,700,085	110,068,358	..	108,282,021
Passengers carried	5,248,038	277,126	254,265	531,391	5,779,429	675,639	316,925	6,771,993	..	6,278,298
Cargo carried	127,765,410	59,939,598	34,051,279	93,990,877	221,756,287	9,268,134(8)	17,899,219(8)	250,561,555(8)	..	229,636,108
Goods carried	174,415,090	61,396,335	34,385,458	95,781,793	270,196,883	11,010,248	20,058,369	301,265,500	..	275,899,568
Passenger-miles(6)	4,323,020,898	80,566,295	3,796,200	84,362,495	4,407,383,393	..	..	..	..	..
Goods ton-miles(6)	89,187,621	11,986,556	4,653,745	16,640,301	105,827,922	..	..	..	..	..
Non-revenue:										
Hours flown	8,544	6,518	6,232	12,750	21,294	17	36	21,347	..	21,764
Passengers carried	34,303	1,433	290	1,723	36,026	11,724	5,764	53,514	..	..
Goods carried	2,587,989	594,973	13,470	608,443	3,196,432	154,652	793,450	4,144,534	..	..
Passenger-miles	205,017,638	1,473,328	8,272	1,481,600	206,499,238	522,921	3,909,045	210,931,204	..	209,763,006
Goods ton-miles	7,090,953	482,448	-	482,448	7,573,401	4,127	235,039	7,812,567	..	6,838,846
Fuel and oil consumed:										
Turbo fuel - Quantity	195,127,404	-	156,855	156,855	195,284,259	1,488,251	31,489,263	228,261,773	..	224,883,124
Cost	27,636,993	-	44,884	44,884	27,681,877	235,324	5,159,702	33,076,903	..	32,672,940
Gasoline - Quantity	12,674,306	6,611,105	3,460,560	10,071,665	22,745,971	413,598	1,193,486	24,353,055	..	23,026,941
Cost	4,280,433	2,677,615	1,524,299	4,201,914	8,482,347	106,856	291,399	8,880,602	..	8,230,290
Turbo oil - Quantity	49,675	-	26	26	49,701	347	1,051	51,099	..	57,013
Cost	447,473	-	391	391	447,864	1,866	9,406	459,136	..	431,014
Other oil - Quantity	147,430	90,253	55,519	145,772	293,202	2,844	2,943	298,989	..	357,703
Cost	163,477	134,184	76,198	210,382	373,859	2,416	2,517	378,792	..	378,264
Average number of employees:										
Pilots and co-pilots	1,022	298	289	587	1,609	..	..	..	..	..
Other flight personnel	1,070	28	19	47	1,117	..	..	..	..	..
General management	324	92	92	184	508	..	..	..	..	..
Maintenance labour	3,644	345	266	611	4,255	..	..	..	..	..
Aircraft & traffic servicing	5,094	107	57	164	5,258	..	..	..	..	..
Other personnel	4,579	200	231	431	5,010	..	..	..	..	..
Totals	15,733	1,070	954	2,024	17,757	239	733	18,729	..	18,568
Salaries and wages paid:										
Pilots and co-pilots	14,798,947	2,802,649	2,223,375	5,026,024	19,824,971	..	..	..	..	..
Other flight personnel	5,998,349	202,132	77,852	279,984	6,278,333	..	..	..	..	..
General management	3,382,108	789,139	731,433	1,520,572	4,902,680	..	..	..	..	..
Maintenance labour	22,538,935	1,863,741	1,355,840	3,219,581	25,758,516	..	..	..	..	..
Aircraft & traffic servicing	29,545,080	500,009	217,310	717,319	30,262,399	..	..	..	..	..
Other personnel	27,412,871	878,201	1,116,672	1,994,873	29,407,744	..	..	..	..	..
Totals	103,676,290	7,035,871	5,722,482	12,758,353	116,434,643	1,552,743	4,234,449	122,267,526	..	113,969,559

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1964

	Scheduled carriers			Non-scheduled carriers			Grand total 1963
	Group I	Group II(1)	Total	Non-scheduled carriers		Grand total	
				Group III(1)	Group IV			Total
dollars							
Operating revenues:							
Unit toll transportation:							
Passengers	226,115,732	10,980,446	237,096,178	2,781,700	329,683	3,111,383	240,207,561
Express	4,240,728	209,576	4,450,304	102,471	21,439	123,910	4,574,214
Freight	14,509,661	2,358,644	16,868,305	1,047,940	113,584	1,161,524	18,029,829
Excess baggage	1,455,947	210,900	1,666,847	60,100	6,647	66,747	1,733,594
Mail	14,968,807	1,593,708	16,562,515	553,511	52,038	605,549	17,168,064
Total unit toll transportation ..	261,290,875	15,353,274	276,644,149	4,545,722	523,391	5,069,113	281,713,262
Bulk transportation	11,801,292	7,428,836	19,230,128	13,845,051	9,614,583	23,459,634	42,689,762
Total transportation	273,092,167	22,782,110	295,874,277	18,390,773	10,137,974	28,528,747	324,403,024
Other flying services	72,542	258,015	330,557	2,246,815	3,671,762	5,918,577	6,249,134
Total flying services	273,164,709	23,040,125	296,204,834	20,637,588	13,809,736	34,447,324	330,652,158
Non-flying services	2,238,458	268,937	2,507,395	682,743	1,178,869	1,861,612	4,369,007
Total operating revenues	275,403,167	23,309,062	298,712,229	21,320,331	14,988,605	36,308,936	335,021,165
Operating expenses:							
Flying operations	64,666,479	8,112,563	72,779,042	8,090,048	5,581,003	13,671,051	86,450,093
Maintenance	52,331,768	6,673,140	59,004,908	6,027,698	3,795,207	9,822,905	68,827,813
General services and administration:							
Passenger service	20,482,284	862,726	21,345,010	..	..	..	..
Aircraft and traffic servicing	37,826,869	3,176,700	41,003,569	..	..	..	..
Promotion and sales	43,149,839	1,570,535	44,720,374	..	..	..	..
General administration	10,772,337	1,289,356	12,061,693	..	..	..	..
Totals	112,231,329	6,899,317	119,130,646	3,827,159	2,333,111	6,160,270	125,290,916
Depreciation and amortization	29,939,180	1,520,593	31,459,773	1,867,706	1,412,893	3,280,599	34,740,372
Total operating expenses	259,168,756	23,205,613	282,374,369	19,812,611	13,122,214	32,934,825	315,309,194
Operating income (loss)	16,234,411	103,449	16,337,860	1,507,720	1,866,391	3,374,111	19,711,971
Non-operating income - Net:							
Capital gains and losses	1,552,559	355,847	1,908,406	244,681	105,491	350,172	2,258,578
Interest and discounts	2,127,636	3,321	2,130,957	26,305	19,378	45,683	2,176,640
Miscellaneous non-operating income ..	86,390	601	86,991	Dr.	77,538	9,728	77,263
Income before interest expense	20,000,996	463,218	20,464,214	1,691,440	2,068,798	3,760,238	24,224,452
Interest expense	13,776,177	697,373	14,473,550	446,930	489,509	936,439	15,409,989
Income before income taxes	6,224,819	Dr.	5,990,664	1,244,510	1,579,289	2,823,799	8,814,463
Provision for income taxes	-	7,350	7,350	126,111	161,822	287,933	295,283
Net income after income taxes	6,224,819	Dr.	5,983,314	1,118,399	1,417,467	2,535,866	8,519,180
							1,390,060

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1964

- 11 -

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1963
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	49,023,945	2,188,065	4,009,485	3,003,886	1,779,010	177,091,787	237,096,178	222,759,067
Express	199,453	37,547	135,733	-	36,296	4,041,275	4,450,304	4,246,327
Freight	3,792,357	766,668	891,738	430,932	269,306	10,717,304	16,868,305	13,417,520
Excess baggage	433,514	37,339	87,837	69,240	16,484	1,022,433	1,666,847	1,518,551
Mail	3,066,034	598,989	596,652	82,069	315,998	11,902,773	16,562,515	15,254,049
Total unit toll transportation ..	56,515,303	3,628,608	5,721,445	3,586,127	2,417,094	204,775,572	276,644,149	257,195,514
Bulk transportation	4,024,127	1,724,252	3,121,045	36,087	2,547,452	7,777,165	19,230,128	15,954,697
Total transportation	60,539,430	5,352,860	8,842,490	3,622,214	4,964,546	212,552,737	295,874,277	273,150,211
Other flying services	-	256,956	-	-	1,059	72,542	330,557	425,530
Total flying services	60,539,430	5,609,816	8,842,490	3,622,214	4,965,605	212,625,279	296,204,834	273,575,741
Non-flying services	954,029	120,056	27,723	56,363	64,795	1,284,429	2,507,395	3,192,305
Total operating revenues	61,493,459	5,729,872	8,870,213	3,678,577	5,030,400	213,909,708	298,712,229	276,768,046
Operating expenses:								
Flying operations	20,064,246	1,776,861	3,532,660	937,879	1,865,163	44,602,233	72,779,042	70,159,793
Maintenance	8,461,347	2,185,627	1,813,368	972,406	1,701,739	43,870,421	59,004,908	53,837,554
General services and administrations:								
Passenger service	4,783,313	187,897	361,237	126,071	187,521	15,698,971	21,345,010	19,001,849
Aircraft and traffic servicing	6,668,626	1,002,245	1,607,674	353,252	213,529	31,158,243	41,003,569	37,855,026
Promotion and sales	11,236,614	158,178	335,503	623,542	453,312	31,913,225	44,720,374	41,149,203
General administration	2,263,204	276,923	468,776	320,985	222,672	8,509,133	12,061,693	11,854,704
Totals	24,951,757	1,625,243	2,773,190	1,423,850	1,077,034	87,279,572	119,130,646	109,860,782
Depreciation and amortization	2,164,670	620,374	376,669	284,476	239,074	27,774,510	31,459,773	30,024,444
Total operating expenses	55,642,020	6,208,105	8,495,887	3,618,611	4,883,010	203,526,736	282,374,369	263,882,573
Operating income (loss)	5,851,439	Dr. 478,233	374,326	59,966	147,390	10,382,972	16,337,860	12,885,473
Non-operating income - Net:								
Capital gains and losses	525,485	-	86,773	267,855	1,219	1,027,074	1,908,406	793,093
Interest and discounts	704,603	625	-	132	2,564	1,423,033	2,130,957	1,419,377
Miscellaneous non-operating income ..	22,636	11,523	3,010	Dr. 9,081	4,851	63,754	86,991	162,930
Income before interest expense	7,104,163	Dr. 466,085	464,109	318,872	146,322	12,896,833	20,464,214	13,674,687
Interest expense	2,284,919	354,901	124,358	147,858	70,256	11,491,258	14,473,550	13,513,107
Income before income taxes	4,819,244	Dr. 820,986	339,751	171,014	76,066	1,405,575	5,990,664	161,580
Provision for income taxes	-	-	7,350	-	-	-	7,350	115,425
Net income after income taxes	4,819,244	Dr. 820,986	332,401	171,014	76,066	1,405,575	5,983,314	46,155

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1964

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Revenue transportation services:									
Unit toll:									
Departures	21,595	133,767	155,362	13,132	17,017	12,964	12,477	55,590	210,952
Hours flown	39,669	174,475	214,144	11,867	17,696	10,476	13,459	53,498	267,642
Miles scheduled	13,440,574	48,680,631	62,121,205	990,666	2,319,268	1,235,501	1,140,718	5,686,153	67,807,358
Miles flown:									
Scheduled - Regular	13,261,806	47,739,033	61,000,839	802,089	2,220,317	1,140,502	1,116,660	5,279,568	66,280,407
Extra section	242,132	2,307,725	2,549,857	89,892	103,541	23,023	100,294	316,750	2,866,607
Non-scheduled	528,027	-	528,027	968,159	363,524	637,719	674,600	2,644,002	3,172,029
Totals	14,031,965	50,046,758	64,078,723	1,860,140	2,687,382	1,801,244	1,891,554	8,240,320	72,319,043
Ratio of regular miles flown to miles scheduled	98.7	98.1	...	81.0	95.7	92.3	97.9	...	...
Passengers carried	510,623	4,093,754	4,604,377	103,774	179,965	106,267	61,867	451,873	5,056,250
Goods carried:									
Freight	8,583,964	67,063,480	75,627,444	7,267,797	6,794,498	2,090,592	1,678,609	17,831,496	93,458,940
Express	908,759	11,598,173	12,506,932	166,452	423,582	-	137,734	727,768	13,234,700
Excess baggage	574,615	-	574,615	185,807	267,963	359,797	89,459	903,026	1,477,641(2)
Mail	2,731,273	36,761,886	39,493,159	2,129,845	1,972,534	420,182	1,156,319	5,678,880	45,172,039
Totals	12,798,611	115,403,539	128,202,150	9,749,901	9,458,577	2,870,571	3,062,121	25,141,170	153,343,320
Passenger-miles:									
Scheduled	854,411,164	2,923,841,614	3,778,252,778	10,314,327	43,347,230	20,388,634	17,868,261	91,918,452	3,870,171,230
Non-scheduled	14,482,392	-	14,482,392	15,329,045	1,273,714	13,158,932	2,162,903	31,924,594	46,406,986
Totals	868,893,556	2,923,841,614	3,792,735,170	25,643,372	44,620,944	33,547,566	20,031,164	123,843,046	3,916,578,216
Available seat-miles on scheduled services	1,636,511,998	4,642,431,285	6,278,943,283	23,394,339	104,560,199	39,331,700	42,513,520	209,799,758	6,488,743,041
Passenger load factor on scheduled services	52.2	63.0	...	44.1	41.5	51.8	42.0	...	...
Goods ton-miles:									
Freight - Scheduled	11,869,093	41,199,089	53,068,182	1,471,841	1,788,008	236,682	175,971	3,672,502	56,740,684
Non-scheduled	30,395	-	30,395	154,948	33,712	141,543	116,447	446,650	477,045
Totals	11,899,488	41,199,089	53,098,577	1,626,789	1,821,720	378,225	292,418	4,119,152	57,217,729
Express - Scheduled	236,252	4,392,862	4,629,114	21,342	101,995	-	30,935	154,272	4,783,386
Non-scheduled	9,453	-	9,453	17,534	-	-	1,566	19,100	28,553
Totals	245,705	4,392,862	4,638,567	38,876	101,995	-	32,501	173,372	4,811,939

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1964

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	673,072	2,134,908	2,807,980	10,825	42,862	33,401	15,566	102,654	2,910,634
Non-scheduled	1,694	-	1,694	29,211	1,027	35,459	1,817	67,514	69,208
Totals	674,766	2,134,908	2,809,674	40,036	43,889	68,860	17,383	170,168	2,979,842
Mail - Scheduled	2,490,033	15,016,205	17,506,238	140,362	526,010	35,988	64,566	766,926	18,273,164
Non-scheduled	47,242	-	47,242	149,542	4,705	23,005	86,773	284,025	311,267
Totals	2,537,275	15,016,205	17,553,480	289,904	530,715	58,993	151,339	1,030,951	18,584,431
Total - Scheduled	15,268,450	62,743,064	78,011,514	1,644,370	2,458,875	306,071	287,038	4,696,354	82,707,868
Non-scheduled	88,784	-	88,784	351,235	39,444	200,007	206,603	797,289	886,073
Totals	15,357,234	62,743,064	78,100,298	1,995,605	2,498,319	506,078	493,641	5,493,643	83,593,941
Available ton-miles on scheduled services	212,696,422	669,842,377	882,538,799	5,480,354	13,465,448	3,678,781	5,040,830	27,665,413	910,204,212
Weight load factor on scheduled services(3)	47.4	53.0	51.7	55.2	50.7	69.2	45.2	53.1	51.7
Bulk:									
Departures	538	1,601	2,139	9,608	19,167	144	4,368	33,287	35,426
Hours flown	2,788	5,678	8,466	11,746	17,634	171	8,613	38,164	46,630
Miles flown	1,262,108	2,557,565	3,819,673	1,121,055	2,313,289	22,105	1,453,271	4,909,720	8,729,393
Passengers carried	30,391	72,699	103,090	29,915	44,141	608	14,034	88,698	191,788
Freight carried	104,967	-	104,967	2,793,485	9,366,096	18,838	8,788,384	20,966,803	21,071,770
Passenger-miles(4)	115,619,810	226,626,956	342,246,766	4,602,628	45,072,121	311,281	14,209,886	64,695,916	406,442,682
Goods ton-miles(4)	135,118	-	135,118	217,393	773,572	7,670	4,459,927	5,458,562	5,593,680
Revenue non-transportation services: Specialty flying - Hours flown	-	275	275	1,942	-	-	12	1,954	2,229
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures	22,133	135,368	157,501	22,740	36,184	13,108	16,845	88,877	246,378
Hours flown	42,457	180,428	222,885	25,555	35,330	10,647	22,084	93,616	316,501
Miles flown	15,294,073	52,604,323	67,898,396	2,981,195	5,000,671	1,823,349	3,344,825	13,150,040	81,048,436
Passengers carried	541,014	4,166,453	4,707,467	133,689	224,106	106,875	75,901	540,571	5,248,038
Cargo carried	9,597,690	78,641,653	88,239,343	10,227,734	16,584,176	2,109,430	10,604,727	39,526,067	127,765,410
Goods carried	12,903,578	115,403,539	128,307,117	12,543,386	18,824,673	2,889,409	11,850,505	46,107,973	174,415,090
Passenger-miles(4)	984,513,366	3,150,468,570	4,134,981,936	30,246,000	89,693,065	33,858,847	34,241,050	188,038,962	4,323,020,898
Goods ton-miles(4)	15,492,352	62,743,064	78,235,416	2,212,998	3,271,891	513,748	4,953,568	10,952,205	89,187,621

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1964

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Total - All services - Concluded:								
Traffic, hours and miles - Concluded:(5)								
Non-revenue:								
Hours flown	1,066	3,243	4,309	1,119	2,134	332	650	4,235
Passengers carried	22,843	"	22,843(2)	3,970	4,223	1,702	1,565	11,460
Goods carried	1,727,005	"	1,727,005	197,234	459,843	-	203,907	860,984
Passenger-miles	46,473,640	156,385,133	202,858,773	1,328,833	1,051,444	435,615	830,032	2,158,865
Goods ton-miles	2,430,834	4,564,177	6,995,011	36,937	136,367	-	59,005	95,942
Fuel and oil consumed:								
Turbo fuel - Quantity	43,469,122	148,074,467	191,543,589	1,346,166	-	1,599,022	638,627	3,583,815
Cost	7,188,594	19,657,046	26,845,640	307,535	-	335,607	148,211	791,353
Gasoline - Quantity	4,917,809	"	4,917,809	1,361,311	4,011,779	276,894	2,106,513	7,756,497
Cost	1,368,682	-	1,368,682	487,308	1,509,866	92,250	822,327	2,911,751
Turbo oil - Quantity	4,515	40,428	44,943	674	-	4,008	50	4,732
Cost	39,621	384,422	424,043	9,999	-	12,930	501	23,430
Other oil - Quantity	47,051	-	47,051	21,447	47,089	6,302	25,541	100,379
Cost	46,218	-	46,218	26,986	58,047	5,426	26,800	117,259
Average number of employees:								
Pilots and co-pilots	201	605	806	59	80	28	49	216
Other flight personnel	252	732	984	8	42	13	23	86
General management	119	65	184	22	50	49	19	140
Maintenance labour	539	2,559	3,098	180	185	68	113	546
Aircraft and traffic servicing	846	3,874	4,720	99	100	115	60	374
Other personnel	677	3,799	4,476	29	18	8	48	103
Total employees	2,634	11,634	14,268	397	475	281	312	1,465
Salaries and wages:								
Pilots and co-pilots	3,156,787	9,519,093	12,675,880	533,255	827,153	273,472	489,187	2,123,067
Other flight personnel	1,536,477	4,065,709	5,622,186	35,108	207,833	43,884	89,338	376,163
General management	1,215,188	1,321,448	2,536,636	163,260	274,685	250,370	157,157	845,472
Maintenance labour	3,128,808	16,418,865	19,547,673	994,560	1,080,225	405,949	510,528	2,991,262
Aircraft and traffic servicing	4,402,418	23,213,997	27,616,415	417,690	730,252	493,638	287,085	1,928,665
Other personnel	3,208,660	23,857,990	27,066,650	108,174	55,286	51,533	131,228	346,221
Total salaries and wages	16,668,338	78,397,102	95,065,440	2,252,047	3,175,434	1,518,846	1,664,523	8,610,850

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Passengers carried:							
Originated	416,631	76,268	166,811	106,267	53,851	3,394,088	4,213,916
Domestic interline	35,020	23,086	-	-	-	699,666	800,841
Foreign interline	43,069	-	-	-	-	-	-
Totals(2)	494,720	99,354	166,811	106,267	53,851	4,093,754	5,014,757
Express carried:							
Originated	908,759	166,452	423,582	-	137,734	11,598,173	13,234,700
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	908,759	166,452	423,582	-	137,734	11,598,173	13,234,700
Freight carried:							
Originated	6,918,156	7,267,797	6,277,773	2,090,592	711,302	67,043,480	90,309,100
Domestic interline	194,019	-	-	-	-	-	194,019
Foreign interline	392,930	-	-	-	-	-	392,930
Totals(2)	7,505,105	7,267,797	6,277,773	2,090,592	711,302	67,043,480	90,896,049
Excess baggage carried:							
Originated	499,457	185,807	250,749	359,347	78,850	-	1,374,210(3)
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	499,457	185,807	250,749	359,347	78,850	-	1,374,210(3)
Mail carried:							
Originated	2,642,398	1,638,352	1,888,092	420,182	310,255	36,754,476	43,653,755
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	2,642,398	1,638,352	1,888,092	420,182	310,255	36,754,476	43,653,755

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1964

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures	21,543	4,689	5,050	1,292	32,574	122,788	155,362
Hours flown	30,013	18,098	14,425	8,154	70,690	143,454	214,144
Miles scheduled	6,872,400	8,330,601	5,780,751	3,616,684	24,600,436	37,520,769	62,121,205
Miles flown:							
Scheduled - Regular	6,617,345	8,237,610	5,744,471	3,576,205	24,175,631	36,825,208	61,000,839
Extra sections	391,986	325,805	299,949	100,280	1,118,020	1,431,837	2,549,857
Non-scheduled	-	-	-	-	-	528,027	528,027
Totals	7,009,331	8,563,415	6,044,420	3,676,485	25,293,651	38,785,072	64,078,723
Ratio of regular miles flown to miles scheduled	96.3	98.9	99.4	98.6	98.3	98.1	98.2
Passengers carried	No.						
Cargo carried	lb.						
Mail carried							
Passenger-miles	No.						
Available seat-miles on scheduled services							
Passenger load factor on scheduled services							
Goods ton-miles:							
Express	736,216	-	-	-	736,216	3,902,351	4,638,567
Freight	3,541,061	12,243,703	4,276,435	4,788,708	24,849,907	28,248,670	53,098,577
Excess baggage	249,941	419,545	447,814	215,687	1,332,987	1,476,687	2,809,674
Mail	499,077	2,191,378	753,642	1,240,654	4,684,751	12,868,729	17,553,480
Totals	5,026,295	14,854,626	5,477,891	6,245,049	31,603,861	46,496,437	78,100,298
Available ton-miles on scheduled service							
Weight load factor on scheduled services(1)							
Bulk:							
Departures	No.						
Hours flown	1,563	11,966	529	21	4,980	...	...
Miles flown	335,333	4,209,788	156,197	122	14,180	...	...
Passengers carried			4,721	572	125,667	...	...
Goods carried	2,770	913,431	64,723	-	980,864	...	...
Passenger-miles(2)	No.			-	380,041,492	...	...
Goods ton-miles(2)			68,250	-	203,846	...	...
Total:							
Departures	No.						
Hours flown	31,576	30,064	5,145	1,313	37,554	...	...
Miles flown	7,344,664	12,773,203	14,954	8,276	84,870	...	...
Passengers carried			6,200,617	3,716,525	30,035,009	...	...
Goods carried	lb.				1,729,194	...	...
Passenger-miles(2)	No.				42,435,885(3)	...	...
Goods ton-miles(2)			5,546,141	6,245,049	2,085,520,462	...	...
					31,807,707	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(3) Excludes Unit Toll excess baggage.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

Preliminary Annual 1964

	United States			Europe		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll No.	955,910	956,974	1,912,884	195,383	240,434	435,817
Bulk "	6,123	5,303	11,426	57,666	59,699	117,365
Totals "	962,033	962,277	1,924,310	253,049	300,133	553,182
Freight, express and excess baggage carried:						
Unit toll lb.	6,375,075	27,530,180	33,905,255	7,001,687	17,225,205	24,226,892
Bulk "	-	-	-	159,206	70,976	230,182
Totals "	6,375,075	27,530,180	33,905,255	7,160,893	17,296,181	24,457,074
Mail carried (unit toll) "	1,635,468	2,969,474	4,604,942	1,558,446	1,842,121	3,400,567
	All other areas			Totals		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll No.	80,650	85,085	165,735	1,231,943	1,282,493	2,514,436
Bulk "	1,887	1,924	3,811	65,676	66,926	132,602
Totals "	82,537	87,009	169,546	1,297,619	1,349,419	2,647,038
Freight, express and excess baggage carried:						
Unit toll lb.	2,084,398	1,442,898	3,527,296	15,461,160	46,198,283	61,659,443
Bulk "	64,723	-	64,723	223,929	70,976	294,905
Totals "	2,149,121	1,442,898	3,592,019	15,685,089	46,269,259	61,954,348
Mail carried (unit toll) "	258,077	285,520	543,597	3,451,991	5,097,115	8,549,106
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	761,971	796,181	1,558,152	469,972	486,312	956,284
Bulk "	48,630	47,692	96,322	17,046	19,234	36,280
Totals "	810,601	843,873	1,654,474	487,018	505,546	992,564
Freight, express and excess baggage carried:						
Unit toll lb.	9,660,073	25,027,569	34,687,642	5,801,087	21,170,714	26,971,801
Bulk "	64,723	34,630	99,353	159,206	36,346	195,552
Totals "	9,724,796	25,062,199	34,786,995	5,960,293	21,207,060	27,167,353
Mail carried (unit toll) "	2,180,613	2,467,229	4,647,842	1,271,378	2,629,886	3,901,264

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

Preliminary Annual 1964

Type of service:	1964						1963(1)	
	Fixed wing		Helicopters		Total		Revenue hours	Revenue earned
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned		
	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	24	2,472	649	45,619	673	48,091	110	9,604
Aerial fish cultivation	10	1,077	-	-	10	1,077	10	1,240
Aerial patrol and inspection	10,016	1,075,934	7,898	772,971	17,914	1,848,905	13,958	1,255,361
Aerial pest control	5,519	720,070	-	-	5,519	720,070	2,558	386,365
Aerial photography and survey	4,953	536,611	832	74,066	5,785	610,677	4,347	705,664
Aerial photography (excl. survey) ..	1,523	291,959	1,449	93,554	2,972	385,513	1,603	198,664
Aircraft rental	820	18,377	38	3,800	858	22,177	415	11,403
Flying training	34,838	607,134	307	60,999	35,145	668,133	35,782	627,467
Geophysical survey	9,224	844,978	4,533	568,519	13,757	1,413,497	8,239	966,562
Non-transportation charter	823	74,261	316	21,726	1,139	95,987	1,194	171,106
Recreational flying	12,179	277,606	59	4,397	12,238	282,003	12,678	299,401
Specialty flying - Other	773	221,623	156	20,761	929	242,384	1,636	337,886
Totals	80,702	4,672,102	16,237	1,666,412	96,939	6,338,514	82,530	4,970,723

(1) No breakdown for fixed wing and Helicopters in 1963.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

Preliminary Annual 1964

	1964			1963 Carriers operating Helicopters only
	Carriers operating Helicopters only	Carriers operating Helicopters and fixed wing	Total	
Carriers reporting	No. 14	7	21	16
Helicopters - Owned	" 128	28	156	..
Leased	" 15	4	19	..
Totals	" 143	32	175	136
Revenue hours flown - Unit toll	" -	-	-	..
Bulk	" 56,094	6,196	62,290	..
Specialty	" 7,925	8,312	16,237	..
Totals	" 64,019	14,508	78,527	53,350
Non-revenue hours flown	" 2,487	854	3,341	..
Fuel and oil consumed:				
Gasoline	gal. 1,039,915	176,362	1,216,277	..
Cost	\$ 476,748	84,842	561,590	..
Oil	gal. 19,865	3,614	23,479	..
Cost	\$ 34,121	5,196	39,317	..
Average number of employees: (1)				
Pilots	No. 128	16	144	135
Administrative	" 53	3	56	..
Maintenance labour	" 123	15	138	101
Other personnel	" 8	2	10	..
Totals	" 312	36	348	236
Salaries and wages: (1)				
Pilots	\$ 1,172,635	157,816	1,330,451	1,114,568
Administrative	\$ 407,499	26,352	433,851	..
Maintenance labour	\$ 757,186	90,937	848,123	620,120
Other personnel	\$ 29,126	13,082	42,208	..
Totals	\$ 2,366,446	288,187	2,654,633	1,734,688

(1) Employees and salaries not entirely accurate as some companies operating fixed wing and helicopters reported totals only.

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1964

	1964	1963
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	6,386,913	5,396,784
Total transportation	6,386,913	5,396,784
Other flying services	959,245	555,715
Total flying services	7,346,158	5,952,499
Non-flying services	223,912	167,007
Total operating revenues	7,570,070	6,119,506
Operating expenses:		
Flying operations	2,696,960	2,392,201
Maintenance	2,118,698	1,707,442
General service and administration	935,192	819,794
Depreciation and amortization	764,274	772,986
Total operating expenses	6,515,124	6,592,423
Operating income (deficit)	1,054,946	427,083
Non-operating income:		
Capital gains and losses	34,365	..
Interest and discounts	12,108	..
Miscellaneous non-operating income	Dr. 13,866	..
Income before interest expense	1,087,553	..
Interest expense	165,654	..
Income before income taxes	921,899	..
Provision for income taxes	74,799	..
Net income after income taxes	847,100	518,473

TABLE 11. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1964

	1964	1963
Reporting carriers	No. 325	293
Transportation:		
Hours flown	" 113,705	81,143
Passengers carried	" 213,231	171,942
Goods carried	1b. 16,540,599	12,012,569
Specialty flying services:		
Aerial advertising	hr. 1	28
Aerial fish cultivation	" 124	80
Aerial patrol and inspection	" 7,788	5,050
Aerial pest control	" 6,721	6,685
Aerial photography and survey	" 728	628
Aerial photography (excl. survey)	" 670	602
Aircraft rental	" 16,985	15,922
Flying training	" 82,693	70,260
Geophysical survey	" 850	-
Non-transportation charter	" 261	147
Recreational flying	" 19,316	20,675
Specialty flying - Other	" 1,212	848
Totals	" 137,349	120,925
Total - All services:		
Revenue hours flown	No. 251,054	202,068
Non-revenue hours flown	" 13,890	12,306

CIVIL AVIATION DEFINITIONS (1)

Bulk Transportation: (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and

(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).

Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (2).

Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

-
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight, Load-Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-201

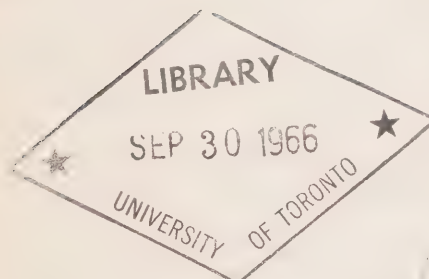
ANNUAL



Canada. Statistics, Bureau of

CIVIL AVIATION
PRELIMINARY ANNUAL

1965



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Governments and Transportation Division
Aviation Statistics Centre

September 1966
8508-512

Price: 50 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

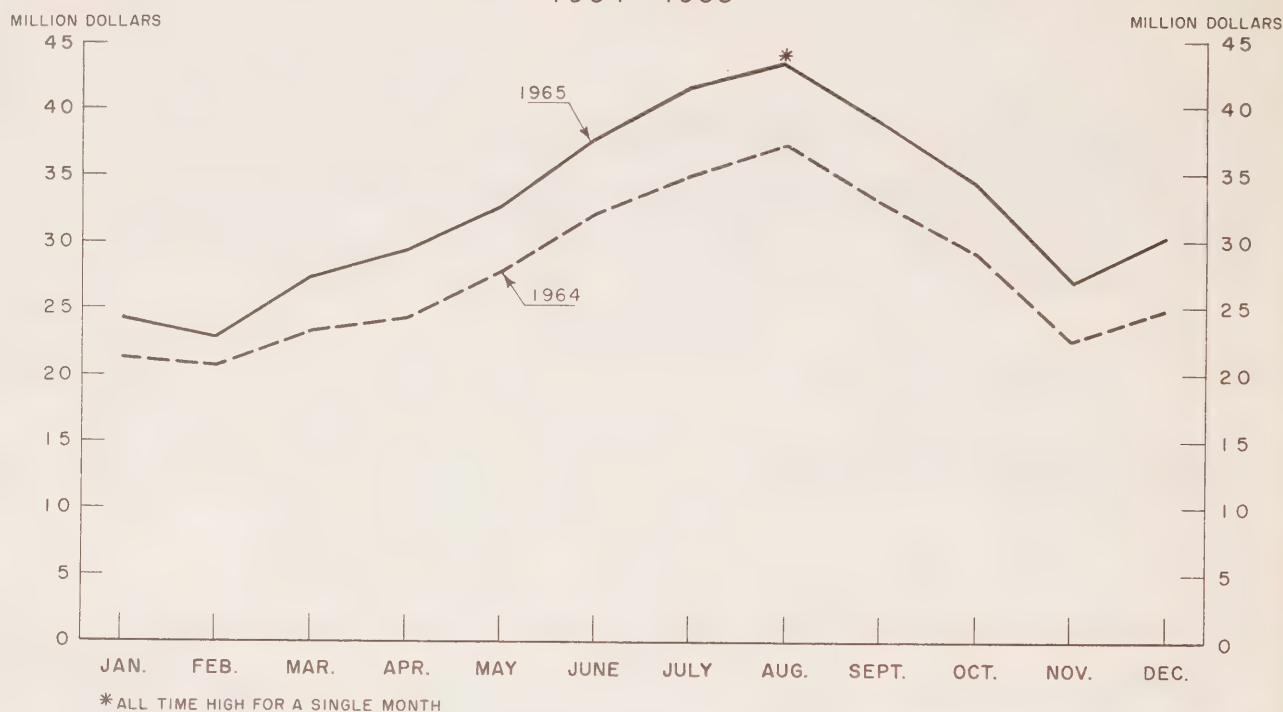
<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

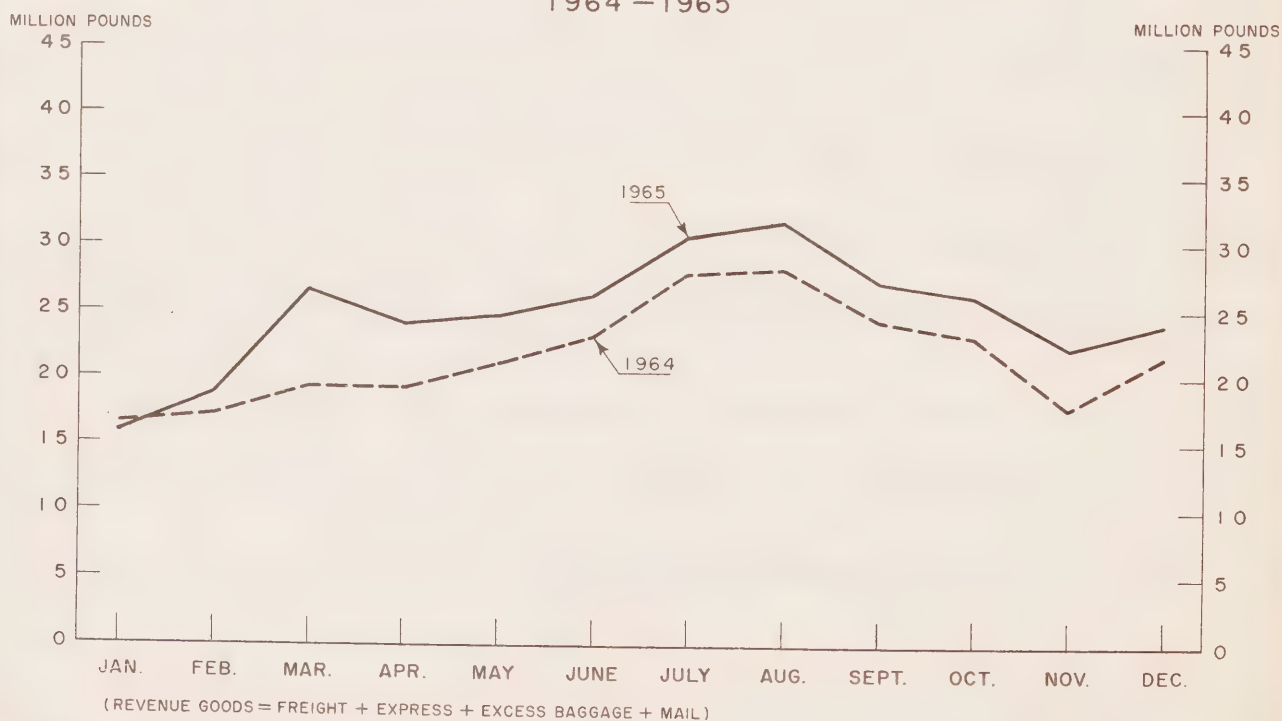
TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Percentage distribution of revenue passenger-miles performed by Canadian carriers in international unit toll services during 1964	5
Revenue passengers carried on international flights by Canadian and foreign carriers in unit toll services, 1955-1964	5
SYMBOLS	6
Introduction and Review of operations	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19
Civil Aviation Definitions	20

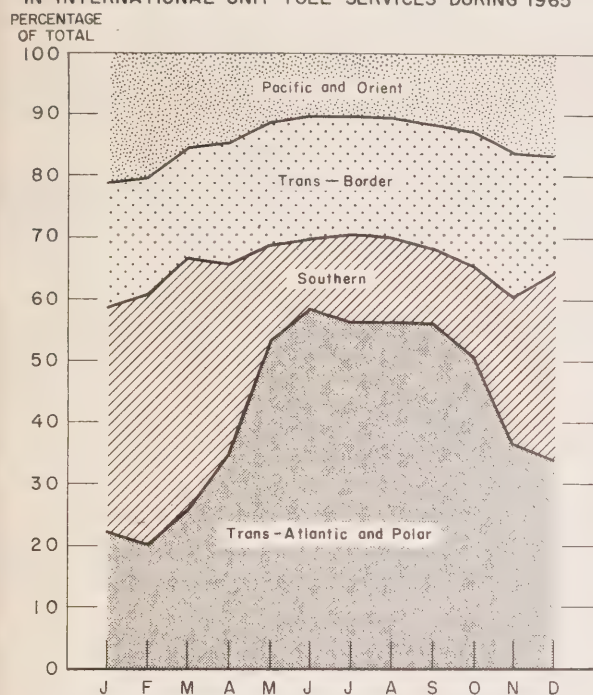
OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



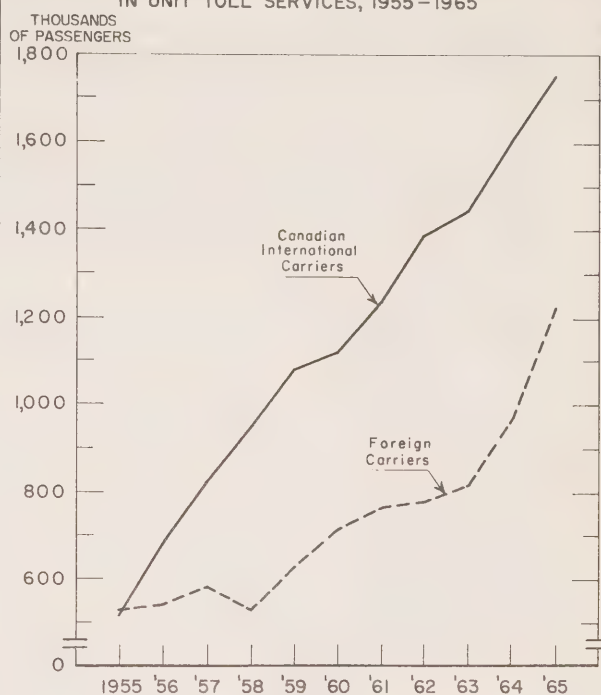
REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



PERCENTAGE DISTRIBUTION OF REVENUE PASSENGER-MILES
PERFORMED BY CANADIAN CARRIERS
IN INTERNATIONAL UNIT TOLL SERVICES DURING 1965



REVENUE PASSENGERS CARRIED ON INTERNATIONAL FLIGHTS
BY CANADIAN AND FOREIGN CARRIERS
IN UNIT TOLL SERVICES, 1955-1965



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1965". Data shown in this report are subject to revision.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. See page 20 for a more detailed description. It should be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V is comprised of the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout this report. In 1965 the financial statement will appear in the Annual only.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Operations of those foreign carriers having scheduled services into Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Passengers and goods in transit are excluded from this report.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains operations of both Canadian and Foreign carriers with separate totals for each group.

Air Carriers, 1965 Operations*

During 1965 the air transport industry in Canada as a whole showed evidence of rapid development. Canadian air carriers reported increases over 1964 of 13.6% in revenue passengers carried and of 13.3% in both revenue goods carried and revenue miles flown. Foreign carriers operating scheduled services into Canada flew 27.8% more revenue passengers and 28.1% more revenue goods than in 1964.

Canadian air carriers reported the transportation of 6,570,449 (5,782,088) revenue passengers and 153,196 (135,213) tons of revenue goods, an increase of 13.6% and 13.3% respectively. Passenger-miles and goods ton-miles rose accordingly, passenger-miles 17.9% to 5,196,130,630 (4,408,882,451) and goods ton-miles 16.7% to 123,507,619 (105,830,940). Escalating operating revenues of 17.5% and expenditures of 16.7% were recorded, operating revenues amounting to \$393,623,066 (\$334,-930,874) and expenditures \$368,223,425 (\$315,569,629), resulting in an operating income of \$25,399,425 (\$19,361,245), an increase of 31.2%. A net income of \$13,508,885 (\$8,393,110) which was a 61.0% increase over the preceding year was reported.

The six scheduled carriers continued to dominate, carrying 90.6% of the revenue passengers and 69.4% of the revenue goods transported by all Canadian carriers. In 1965 the six maintained their position in revenue passengers carried, reporting a total of 5,954,952 (5,248,038) for all services, of which 97.0% or 5,779,243 (5,056,250) were unit toll. The scheduled group bettered its share of goods carried from 64.5% to 69.4%, reporting a total of 106,245 (87,207) tons, a 21.8% increase.

The sixteen (14) carriers operating helicopters exclusively flew 93,599 (64,019) hours in 1965, an increase of 46.2%. Their operating revenues rose by 54.9% to \$11,724,261 (\$7,570,070) while their operating expenses climbed 59.1% to \$10,365,442 (\$6,515,124). Net income after taxes for the group was up 24.0% to \$1,050,816 (\$847,100). The number of helicopters operated increased to 178 (143) in 1965. Six (7) other carriers operated an additional 25 (32) helicopters as well as fixed wing aircraft, bringing the total number in commercial operation to 203 (175). The total revenue hours flown by helicopters was 107,663 (78,527) up 37.1% from the 1964 figure.

The Group V carriers reported a 4.6% increase in revenue passengers carried to 223,132 (213,231), and goods carried, 12,124 (8,270) tons rising 46.6% over 1964, even though the number of carriers reporting decreased from 325 to 311.

Foreign carriers having scheduled services to and from Canada reported Canadian traffic of 1,268,090 (992,564) revenue passengers and 19,892 (15,534) tons of revenue goods.

* 1964 figures in brackets.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1965

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1964
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	19	60	79	85	10	10	105	93
Revenue transportation services:									
Unit toll:									
Departures	227,536	30,398	12,554	42,952	270,488	..	..	..	..
Hours flown	297,898	31,326	6,155	37,481	335,379	3,959	14,332	353,670	317,918
Miles scheduled	76,649,184	...	...	...	76,649,184	1,045,749	5,708,713	83,403,646	73,886,889
Miles flown:									
Scheduled	78,546,117	...	...	...	78,546,117	1,019,906	5,805,217	85,371,240	75,424,770
Non-scheduled	3,154,958	3,952,741	680,211	4,632,952	7,787,910	-	-	7,787,910	7,257,768
Totals	81,701,075	3,952,741	680,211	4,632,952	86,334,027	1,019,906	5,805,217	93,159,150	82,682,538
Passengers carried	5,779,243	122,729	37,295	160,024	5,939,267	867,093	362,747	7,169,107	6,153,863
Goods carried:									
Cargo	135,378,565	7,123,038	2,361,999	9,485,037	144,863,602	12,035,341	23,503,589	182,543,608	144,469,469
Excess baggage	1,602,048(5)	386,485	152,543	539,028	2,141,076	-	-	2,141,076	2,141,076
Mail	48,583,114	1,556,937	300,184	1,857,121	50,440,235	2,094,156	2,143,464	54,677,855	50,705,488
Totals	185,563,727	9,066,460	2,814,726	11,881,186	197,444,913	14,129,497	25,647,053	237,221,463	195,174,957
Passenger-miles	4,706,316,601	22,342,506	2,645,758	24,988,264	4,731,304,865	36,173,157	298,015,193	5,065,493,215	4,200,293,067
Goods ton-miles:									
Cargo	82,286,878	1,905,783	792,375	2,698,158	84,985,036	276,628	8,672,633	97,177,466	75,908,279
Excess baggage	3,183,651	55,467	4,051	59,518	3,243,169	-	-	3,243,169	3,243,169
Mail	21,326,015	426,920	19,461	446,381	21,772,396	43,849	919,084	22,735,329	19,897,070
Totals	106,796,544	2,388,170	815,887	3,204,057	110,000,601	320,477	9,591,717	119,912,795	95,805,349
Bulk:									
Departures	35,450	71,217	174,421	245,638	281,088	..	..	..	..
Hours flown	46,127	110,995	162,804	273,799	319,926	82	982	320,990	264,697
Miles flown	8,333,020	8,455,928	14,114,988	22,570,916	30,903,936	20,936	363,981	31,288,853	27,455,784
Passengers carried	175,709	181,997	273,476	455,473	631,182	7,061	31,189	669,432	620,789
Freight carried	26,927,007	50,354,945	31,665,882	82,020,827	108,947,834	-	7,587	108,955,421	106,319,800
Passenger-miles(6)	362,631,051	99,822,696	2,372,018	102,194,714	464,825,765	..	..	..	..
Goods ton-miles(6)	5,929,676	6,620,380	956,962	7,577,342	13,507,018	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	2,510	42,230	81,729	123,959	126,469	-	-	126,469	97,169

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1965

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Grand total 1964
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers			Total						
	Groups I and II(1)	Group III(1)	Group IV							
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures	262,986	101,615	186,975	288,590	551,576	..	..	..	801,129	679,784
Hours flown	346,535	184,551	250,688	435,239	781,774	4,041	15,314	..	124,448,003	110,138,322
Miles flown	90,034,095	12,408,669	14,795,199	27,203,868	117,237,963	1,040,842	6,169,198	..	7,838,539	6,744,652
Passengers carried	5,954,952	304,726	310,771	615,497	6,570,449	874,154	393,936	..	291,499,029(8)	250,789,269
Cargo carried	162,305,572	57,477,983	34,027,881	91,505,864	255,952,512(8)	12,035,341(8)	23,511,176(8)	..	346,176,884	301,494,757
Goods carried	212,490,734	59,421,405	34,480,608	93,902,013	306,392,747	14,129,497	25,654,640	..	..	..
Passenger-miles(6)	5,068,947,652	122,165,202	5,017,776	127,182,978	5,196,130,630	..	..	..	..	..
Goods ton-miles(6)	112,726,220	9,008,550	1,772,849	10,781,399	123,507,619	..	..	..	..	..
Non-revenue:										
Hours flown	11,435	8,758	9,705	18,463	29,898	22	11	..	29,931	21,416
Passengers carried	36,638	1,435	263	1,698	38,336	13,916	6,533	..	58,785	53,514
Goods carried	2,743,770	595,254	14,650	609,904	3,353,674	220,034	882,568	..	4,456,276	4,144,534
Passenger-miles	222,583,894	2,156,102	5,714	2,161,816	224,745,710	586,910	4,845,105	..	230,177,725	212,418,263
Goods ton-miles	7,684,268	311,604	-	311,604	7,995,872	4,470	282,698	..	8,283,040	7,948,934
Fuel and oil consumed:										
Turbo fuel - Quantity	222,028,394	-	290,542	290,542	222,318,936	1,891,883	40,325,440	..	264,536,259	228,261,773
Cost	30,558,418	-	99,516	99,516	30,657,934	321,116	6,335,243	..	37,314,293	33,076,903
Gasoline - Quantity	14,352,097	8,751,936	3,913,738	12,665,674	27,017,771	180,212	340,930	..	27,538,913	24,365,130
Cost	4,679,816	3,353,981	1,844,554	5,198,535	9,878,351	45,393	88,012	..	10,011,756	8,885,421
Turbo oil - Quantity	49,534	-	56	56	49,590	529	1,285	..	51,404	51,099
Cost	453,580	-	736	736	454,316	2,685	10,975	..	467,976	459,136
Other oil - Quantity	170,652	105,086	70,019	175,105	345,757	456	197	..	346,410	299,214
Cost	186,696	147,534	106,795	254,329	441,025	472	227	..	441,724	379,160
Average number of employees:										
Pilots and co-pilots	1,102	368	361	729	1,831	..	..	..	..	..
Other flight personnel	1,183	42	46	88	1,271	..	..	..	..	..
General management	320	113	225	225	545	..	..	..	..	..
Maintenance labour	3,801	394	294	688	4,489	..	..	..	..	..
Aircraft & traffic servicing	5,446	120	48	168	5,614	..	..	..	..	..
Other personnel	4,783	220	234	474	5,257	..	..	..	..	..
Totals	16,635	1,256	1,116	2,372	19,007	281	693	..	19,981	18,767
Salaries and wages paid:										
Pilots and co-pilots	16,337,398	3,590,920	2,802,918	6,393,838	22,731,236	..	..	..	..	..
Other flight personnel	6,835,065	282,516	234,662	517,178	7,352,243	..	..	..	..	..
General management	3,564,590	998,517	864,786	1,863,303	5,427,893	..	..	..	..	..
Maintenance labour	25,068,928	2,330,593	1,580,816	3,911,409	28,980,337	..	..	..	..	..
Aircraft & traffic servicing	32,336,969	619,022	180,785	799,807	33,136,776	..	..	..	..	..
Other personnel	29,984,589	1,052,350	1,082,267	2,134,617	32,119,206	..	..	..	..	..
Totals	114,127,539	8,873,918	6,746,234	15,620,152	129,747,691	1,905,160	4,220,295	..	135,873,146	122,252,542

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See Introduction, page 7, paragraph 5.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1965

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1964
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	267,463,438	12,596,110	280,059,548	3,006,538	447,176	3,453,714	283,513,262	240,189,146
Express	5,487,977	271,654	5,759,631	85,638	18,685	104,323	5,863,954	4,570,920
Freight	18,589,533	2,675,597	21,265,130	1,111,373	80,876	1,192,249	22,457,379	18,036,702
Excess baggage	1,693,893	208,162	1,902,055	66,784	8,496	75,280	1,977,335	1,732,996
Mail	16,435,019	1,631,168	18,066,187	611,009	75,695	686,704	18,752,891	17,179,198
Total unit toll transportation ..	309,669,860	17,382,691	327,052,551	4,881,342	630,928	5,512,270	332,564,821	281,708,962
Bulk transportation	10,303,272	7,683,758	17,987,030	16,020,894	14,246,109	30,267,003	48,254,033	42,681,691
Total transportation	319,973,132	25,066,449	345,039,581	20,902,236	14,877,037	35,779,273	380,818,854	324,390,653
Other flying services	67,739	495,210	562,949	3,892,924	2,924,122	6,817,046	7,379,995	6,247,461
Total flying services	320,040,871	25,561,659	345,602,530	24,795,160	17,801,159	42,596,319	388,198,849	330,638,114
Non-flying services	2,261,566	382,753	2,644,319	1,004,250	1,775,648	2,779,898	5,424,217	4,292,760
Total operating revenues	322,302,437	25,944,412	348,246,849	25,799,410	19,576,687	45,376,217	393,623,066	334,930,874
Operating expenses:								
Flying operations	73,403,257	8,781,210	82,184,467	9,841,515	7,427,041	17,268,556	99,453,023	86,432,622
Maintenance	62,533,766	7,324,126	69,857,892	7,244,090	4,899,431	12,143,521	82,001,413	68,979,142
General services and administration:								
Passenger service	24,921,477	1,000,168	25,921,645	..	..	..	..	..
Aircraft and traffic servicing	42,961,542	3,727,593	46,689,135	..	..	..	..	..
Promotion and sales	50,443,597	1,703,161	52,146,758	..	..	..	..	..
General administration	12,265,832	1,665,855	13,931,687	..	..	..	..	..
Totals	130,592,448	8,096,777	138,689,225	4,871,886	3,047,990	7,919,876	146,609,101	125,545,117
Depreciation and amortization	34,440,816	1,840,098	36,280,914	2,351,609	1,527,365	3,878,974	40,159,888	34,612,748
Total operating expenses	300,970,287	26,042,211	327,012,498	24,309,100	16,901,827	41,210,927	368,223,425	315,569,629
Operating income (loss)	21,332,150 Dr.	97,799	21,234,351	1,490,310	2,674,980	4,165,290	25,399,641	19,361,245
Non-operating income - Net:								
Capital gains and losses	172,819	216,983	389,802	206,813	407,409	614,222	1,004,024	2,570,474
Interest and discounts	3,272,034	7,011	3,279,045	54,366	21,906	76,272	3,355,317	2,168,457
Miscellaneous non-operating income ..	Dr.	279,257 Dr.	311,394 Dr.	65,208	89,043	23,835	287,559	155,111
Income before interest expense	24,497,746	94,058	24,591,804	1,686,281	3,193,338	4,879,619	29,471,423	24,255,287
Interest expense	13,323,461	627,575	13,951,036	546,507	485,733	1,032,240	14,983,276	15,387,103
Income before income taxes	11,174,285	Dr.	10,640,768	1,139,774	2,707,605	3,847,379	14,488,147	8,868,184
Provision for income taxes	-	286,039	286,039	427,799	265,424	693,223	979,262	475,074
Net income after income taxes	11,174,285	Dr.	10,354,729	711,975	2,442,181	3,154,156	13,508,885	8,393,110

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total	Total 1964
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	209,925,578	57,537,860	2,042,490	5,380,052	3,255,908	1,917,660	280,059,548	237,100,417
Express	5,161,602	326,375	51,733	178,024	-	41,897	5,759,631	4,450,941
Freight	13,978,301	4,611,232	810,680	1,131,133	467,663	266,121	21,265,130	16,871,012
Excess baggage	1,175,774	518,119	27,323	108,802	58,312	13,725	1,902,055	1,666,845
Mail	12,699,240	3,735,779	554,611	625,607	98,469	352,481	18,066,187	16,565,437
Total unit toll transportation ..	242,940,495	66,729,365	3,486,837	7,423,618	3,880,352	2,591,884	327,052,551	276,654,652
Bulk transportation	6,026,162	4,277,110	1,150,223	4,080,738	77,511	2,375,286	17,987,030	19,232,777
Total transportation	248,966,657	71,006,475	4,637,060	11,504,356	3,957,863	4,967,170	345,039,581	295,887,429
Other flying services	67,739	-	491,518	-	-	3,692	562,949	330,557
Total flying services	249,034,396	71,006,475	5,128,578	11,504,356	3,957,863	4,970,862	345,602,530	296,217,986
Non-flying services	1,091,124	1,170,442	106,298	32,221	161,383	82,851	2,644,319	2,527,754
Total operating revenues	250,125,520	72,176,917	5,234,876	11,536,577	4,119,246	5,053,713	348,246,849	298,745,740
Operating expenses:								
Flying operations	52,000,358	21,402,899	1,802,874	4,136,461	1,023,959	1,817,916	82,184,467	72,681,509
Maintenance	51,597,208	10,936,558	2,112,220	2,583,056	1,232,225	1,396,625	69,857,892	59,043,926
General services and administration:								
Passenger service	19,131,771	5,789,706	194,980	466,747	149,684	188,757	25,921,645	21,330,437
Aircraft and traffic servicing	35,754,226	7,207,316	1,240,995	1,855,801	395,339	237,458	46,689,135	40,997,930
Promotion and sales	36,871,063	13,572,334	117,719	421,113	669,036	495,293	52,146,758	44,721,970
General administration	9,783,056	2,482,776	337,162	698,095	381,100	249,498	13,931,687	12,110,708
Totals	101,540,316	29,052,132	1,890,856	3,439,756	1,595,159	1,171,006	138,689,225	119,161,045
Depreciation and amortization	32,263,097	2,177,719	566,774	391,523	283,436	598,365	36,280,914	31,173,630
Total operating expenses	237,400,979	63,569,308	6,372,724	10,550,796	4,134,779	4,983,912	327,012,498	282,060,110
Operating income (loss)	12,724,541	8,607,609	Dr. 1,137,848	985,781	Dr. 15,533	69,801	21,234,351	16,685,630
Non-operating income - Net:								
Capital gains and losses	83,746	89,073	-	45,085	1,015	170,883	389,802	2,096,086
Interest and discounts	2,591,114	680,920	384	-	-	6,627	3,279,045	2,131,282
Miscellaneous non-operating income ..	Dr. 111,529	Dr. 167,728	813	Dr. 2,229	Dr. 13,491	Dr. 17,230	Dr. 311,394	141,304
Income before interest expense	15,287,872	9,209,874	Dr. 1,136,651	1,028,637	Dr. 28,009	230,081	24,591,804	21,054,302
Interest expense	11,297,912	2,025,549	347,989	113,290	124,668	41,628	13,951,036	14,477,123
Income before income taxes	3,989,960	7,184,325	Dr. 1,484,640	915,347	Dr. 152,677	188,453	10,640,768	6,577,179
Provision for income taxes	-	-	-	325,000	-	38,961	286,039	Cr. 1,400
Net income after income taxes	3,989,960	7,184,325	Dr. 1,484,640	590,347	Dr. 152,677	227,414	10,354,729	6,578,579

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963) (1)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Revenue transportation services:									
Unit toll:									
Departures	146,718	22,547	169,265	12,759	18,379	13,896	13,237	58,271	227,536
Hours flown	196,946	42,815	239,761	12,718	20,002	11,080	14,337	58,137	297,898
Miles scheduled	55,838,898	15,090,096	70,928,994	907,747	2,471,553	1,184,314	1,156,576	5,720,190	76,649,184
Miles flown:									
Scheduled - Regular	54,972,479	14,979,438	69,951,917	816,043	2,414,545	1,117,827	1,136,521	5,484,936	75,436,853
Extra sections	2,529,907	203,743	2,733,650	53,968	182,511	28,189	110,946	375,614	3,109,264
Non-scheduled	-	-	-	1,030,723	565,330	746,130	812,775	3,154,958	3,154,958
Totals	57,502,386	15,183,181	72,685,567	1,900,734	3,162,386	1,892,146	2,060,242	9,015,508	81,701,075
Ratio of regular miles flown to miles scheduled	98.4	99.3	98.6	89.9	97.7	94.4	98.3	95.9	98.4
Passengers carried	4,673,754	596,797	5,270,551	86,107	233,697	120,106	68,782	508,692	5,779,243
Goods carried:									
Freight	87,524,166	11,711,236	99,235,402	7,091,329	9,395,098	2,194,151	1,612,800	20,293,378	119,528,780
Express	13,488,693	1,353,792	14,842,485	300,570	537,113	-	169,617	1,007,300	15,849,785
Excess baggage	-	601,039	601,039	151,413	455,184	322,398	72,014	1,001,009	1,602,048
Mail	39,589,234	3,058,567	42,647,801	2,148,198	2,923,683	447,551	1,315,881	5,935,313	48,583,114
Totals	140,602,093	16,724,634	157,326,727	9,691,510	12,411,078	2,964,100	3,170,312	28,237,000	185,563,727
Passenger-miles:									
Scheduled	3,542,866,946	1,024,143,648	4,567,010,594	10,257,607	55,486,582	21,215,188	19,075,302	106,034,679	4,673,045,273
Non-scheduled	-	-	-	12,330,017	3,538,238	14,202,270	3,200,803	33,271,328	33,271,328
Totals	3,542,866,946	1,024,143,648	4,567,010,594	22,587,624	59,024,820	35,417,458	22,276,105	139,306,007	4,706,316,601
Available seat-miles on scheduled services	5,458,263,112	1,837,005,359	7,295,268,471	25,982,563	124,949,688	40,599,878	53,527,370	245,059,499	7,540,327,970
Passenger load factor on scheduled services	64.9	55.8	...	39.5	44.4	52.2	35.6	...	...
Goods ton-miles:									
Freight - Scheduled	56,102,107	15,050,068	71,152,175	708,024	2,353,409	252,911	123,477	3,437,821	74,589,996
Non-scheduled	-	-	-	1,129,679	81,095	146,855	178,127	1,535,756	1,535,756
Totals	56,102,107	15,050,068	71,152,175	1,837,703	2,434,504	399,766	301,604	4,973,577	76,125,752
Express - Scheduled	5,562,487	383,820	5,946,307	16,629	142,517	-	33,382	192,528	6,138,835
Non-scheduled	-	-	-	18,161	-	-	4,130	22,291	22,291
Totals	5,562,487	383,820	5,946,307	34,790	142,517	-	37,512	214,819	6,161,126

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)(1)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	No. 2,314,480	701,426	3,015,906	11,205	68,966	29,014	10,432	119,617	3,135,523
Non-scheduled	-	-	-	17,041	2,582	25,200	3,305	48,128	48,128
Totals	2,314,480	701,426	3,015,906	28,246	71,548	54,214	13,737	167,745	3,183,651
Mail - Scheduled	17,026,075	3,149,526	20,175,601	118,750	561,273	43,496	67,988	791,507	20,967,108
Non-scheduled	-	-	-	227,000	5,525	24,611	101,771	358,907	358,907
Totals	17,026,075	3,149,526	20,175,601	345,750	566,798	68,107	169,759	1,150,414	21,326,015
Total - Scheduled	81,005,149	19,284,840	100,289,989	854,608	3,126,165	325,421	235,279	4,541,473	104,831,462
Non-scheduled	-	-	-	1,391,881	89,202	196,666	287,333	1,965,082	1,965,082
Totals	81,005,149	19,284,840	100,289,989	2,246,489	3,215,367	522,087	522,612	6,506,555	106,796,544
Available ton-miles on scheduled services	835,273,814	236,529,736	1,071,803,550	4,381,517	16,952,435	3,939,970	5,282,319	30,556,241	1,102,359,791
Weight load factor on scheduled services(3)	52.1	51.5	52.0	74.7	51.7	67.1	46.0	56.0	52.1
Bulk:									
Departures	No. 1,280	801	2,081	7,504	21,827	327	3,711	33,369	35,450
Hours flown	4,358	3,974	8,332	8,050	21,465	375	7,905	37,795	46,127
Miles flown	1,896,156	1,433,651	3,329,807	732,192	2,880,967	55,230	1,334,824	5,003,213	8,333,020
Passengers carried	59,916	34,019	93,935	17,631	46,729	1,174	16,240	81,774	175,709
Freight carried	-	-	-	1,692,600	17,155,304	369,447	7,709,656	26,927,007	26,927,007
Passenger-miles(4)	170,399,736	120,796,914	291,196,650	2,246,738	54,109,346	487,327	14,590,990	71,434,401	362,631,051
Goods ton-miles(4)	-	-	-	134,399	1,579,054	58,665	4,157,558	5,929,676	5,929,676
Revenue non-transportation services: Specialty flying - Hours flown	222	-	222	2,255	-	-	33	2,288	2,510
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures	147,998	23,348	171,346	20,263	40,206	14,223	16,948	91,640	262,986
Hours flown	201,526	46,789	248,315	23,023	41,467	11,455	22,275	98,220	346,535
Miles flown	59,398,542	16,616,832	76,015,374	2,632,926	6,043,353	1,947,376	3,395,066	14,018,721	90,034,095
Passengers carried	4,733,670	630,816	5,364,486	103,738	280,426	121,280	85,022	590,466	5,954,952
Cargo carried	101,012,859	13,065,028	114,077,887	9,084,499	27,087,515	2,563,598	9,492,073	48,227,685	162,305,572
Goods carried	140,602,093	16,724,634	157,326,727	11,384,110	29,566,382	3,333,547	10,879,968	55,164,007	212,490,734
Passenger-miles(4)	3,713,266,682	1,144,940,562	4,858,207,244	24,834,362	113,134,166	33,904,785	36,867,095	210,740,408	5,068,947,652
Goods ton-miles(4)	81,005,149	19,284,840	100,289,989	2,380,888	4,794,421	580,752	4,680,170	12,436,231	112,726,220

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963) (1)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded: (5)									
Non-revenue:									
Hours flown No.	4,956	1,265	6,221	1,450	2,535	383	846	5,214	11,435
Passengers carried "	..	24,374	24,374	3,965	4,766	2,047	1,486	12,264	36,638
Goods carried lb.	..	1,873,487	1,873,487	292,608	445,412	-	132,263	870,283	2,743,770
Passenger-miles No.	163,282,797	54,657,479	217,940,276	1,787,956	1,565,149	548,919	741,594	4,643,618	222,583,894
Goods ton-miles "	5,094,276	2,324,970	7,419,246	70,598	161,960	-	32,464	265,022	7,684,268
Fuel and oil consumed:									
Turbo fuel - Quantity gal.	170,915,765	47,371,211	218,286,976	1,254,050	-	1,649,399	837,969	3,741,418	222,028,394
Cost \$	22,086,682	7,688,248	29,774,930	262,404	-	341,375	179,709	783,488	30,558,418
Gasoline - Quantity gal.	-	5,282,926	5,282,926	1,314,062	5,199,893	311,451	2,243,765	9,069,171	14,352,097
Cost \$	-	1,419,969	1,419,969	431,411	1,894,792	102,780	830,884	3,259,847	4,679,816
Turbo oil - Quantity gal.	35,925	6,391	42,316	603	-	-	75	7,218	49,534
Cost \$	366,683	54,996	421,679	8,250	-	22,901	750	31,901	453,580
Other oil - Quantity gal.	-	55,552	55,552	20,161	62,709	9,106	23,124	115,100	170,652
Cost \$	-	51,496	51,496	25,202	78,386	7,286	24,326	135,200	186,696
Average number of employees:									
Pilots and co-pilots No.	650	226	876	57	90	30	49	226	1,102
Other flight personnel "	807	278	1,085	15	45	15	23	98	1,183
General management "	68	112	180	8	60	51	21	140	320
Maintenance labour "	2,681	541	3,222	203	200	78	98	579	3,801
Aircraft and traffic servicing "	4,126	920	5,046	114	109	114	63	400	5,446
Other personnel "	3,921	728	4,649	43	25	9	57	134	4,783
Total employees "	12,253	2,805	15,058	440	529	297	311	1,577	16,635
Salaries and wages:									
Pilots and co-pilots \$	10,520,148	3,490,009	14,010,157	569,805	968,480	300,370	488,586	2,327,241	16,337,398
Other flight personnel \$	4,578,593	1,837,025	6,415,618	56,111	217,041	60,460	85,835	419,447	6,835,065
General management \$	1,489,985	1,188,622	2,678,607	97,942	347,657	260,208	180,176	885,983	3,564,590
Maintenance labour \$	18,059,931	3,309,763	21,369,694	1,117,657	1,311,548	702,552	567,477	3,699,234	25,068,928
Aircraft and traffic servicing \$	25,295,960	4,887,125	30,183,085	507,756	819,546	536,105	290,477	2,153,884	32,336,969
Other personnel \$	25,857,704	3,607,434	29,465,138	198,449	58,659	136,112	128,231	519,451	29,984,589
Total salaries and wages \$	85,802,321	18,319,978	104,122,299	2,547,720	3,722,931	1,993,807	1,740,782	10,005,240	114,127,539

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total
Passengers carried:							
Originated	3,878,128	498,448	66,844	214,666	120,106	59,290	4,837,482
Domestic interline	795,626	42,755	16,424	-	-	-	907,204
Foreign interline	-	52,399	-	-	-	-	-
Totals(2)	4,673,754	593,602	83,268	214,666	120,106	59,290	5,744,686
Express carried:							
Originated	13,488,693	1,353,792	283,961	536,637	-	169,617	15,832,700
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	13,488,693	1,353,792	283,961	536,637	-	169,617	15,832,700
Freight carried:							
Originated	87,524,166	9,708,863	6,992,864	8,559,541	2,194,151	757,515	115,737,100
Domestic interline	-	294,673	-	-	-	-	294,673
Foreign interline	-	530,603	-	-	-	-	530,603
Totals(2)	87,524,166	10,534,139	6,992,864	8,559,541	2,194,151	757,515	116,562,376
Excess baggage carried:							
Originated .....	..	601,039	146,981	420,636	322,398	56,454	1,547,508(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	601,039	146,981	420,636	322,398	56,454	1,547,508(3)
Mail carried:							
Originated	39,589,234	3,058,567	1,773,233	1,936,893	447,551	348,332	47,153,810
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	39,589,234	3,058,567	1,773,233	1,936,893	447,551	348,332	47,153,810

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1965

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures	23,684	6,160	5,654	1,417	36,915	132,350	169,265
Hours flown	33,812	24,504	16,070	8,873	83,259	156,502	239,761
Miles scheduled	7,667,585	11,691,037	6,275,465	4,034,717	29,668,804	41,260,190	70,928,994
Miles flown:							
Scheduled - Regular	7,472,186	11,583,429	6,214,045	3,997,234	29,266,894	40,685,023	69,951,917
Extra sections	280,679	141,293	358,420	112,985	893,377	1,840,273	2,733,650
Non-scheduled	-	-	-	-	-	-	-
Totals	7,752,865	11,724,722	6,572,465	4,110,219	30,160,271	42,525,296	72,685,567
Ratio of regular miles flown to miles scheduled	97.5	99.1	99.0	99.1	98.6	98.6	98.6
Passengers carried .....	...	...	...	...	1,753,990	3,516,561	5,270,551
Cargo carried .....	...	...	...	...	44,906,415	69,772,511	114,678,926
Mail carried .....	...	...	...	...	5,352,035	37,295,766	42,647,801
Passenger-miles	421,157,540	928,630,878	469,233,894	289,946,078	2,108,968,390	2,458,042,204	4,567,010,594
Available seat-miles on scheduled services "	632,153,326	1,526,663,365	837,391,570	508,483,557	3,504,691,818	3,782,990,745	7,287,682,563
Passenger load factor on scheduled services	66.6	60.8	56.0	57.0	60.2	65.0	62.7
Goods ton-miles:							
Express	731,759	-	-	-	731,759	5,214,548	5,946,307
Freight	4,537,216	18,423,820	5,473,534	5,650,880	34,085,450	37,066,725	71,152,175
Excess baggage	188,637	650,934	556,934	209,674	1,606,179	1,409,727	3,015,906
Mail	519,928	3,149,350	858,951	1,535,248	6,063,477	14,112,124	20,175,601
Totals	5,977,540	22,224,104	6,889,419	7,395,802	42,486,865	57,803,124	100,289,989
Available ton-miles on scheduled service	88,371,883	231,111,555	112,185,708	69,502,762	501,171,908	570,631,642	1,071,803,550
Weight load factor on scheduled services(1)	54.4	49.8	48.0	52.4	50.6	53.2	52.0
Bulk:							
Departures	1,114	2,594	138	18	3,864	...	...
Hours flown	1,859	12,262	665	96	14,882	...	...
Miles flown	399,047	3,956,634	189,072	35,713	4,580,466	...	...
Passengers carried	13,333	101,817	6,213	1,093	122,456	...	...
Goods carried	125,314	289,991	48,862	-	464,167	...	...
Passenger-miles(2)	7,200,935	362,716,117	10,937,844	2,706,738	390,425,680(3)	...	...
Goods ton-miles(2)	136,401	15,789	99,284	-	251,474	...	...
Total:							
Departures	24,798	8,754	5,792	1,435	40,779	...	...
Hours flown	35,671	36,766	16,735	8,969	98,141	...	...
Miles flown	8,151,912	15,681,356	6,761,537	4,145,932	34,740,737	...	...
Passengers carried .....	...	...	...	...	1,876,446	...	...
Goods carried .....	...	...	...	...	50,722,617	...	...
Passenger-miles(2)	428,358,475	1,291,346,995	480,171,738	292,652,816	2,499,394,070(3)	...	...
Goods ton-miles(2)	6,113,941	22,239,893	6,988,703	7,395,802	42,738,339	...	...

(1) Standard passenger weight used: 200 pounds.
(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.
(3) Includes 6,864,046 passenger-miles for which area of service is not available.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers(1), by Area of Service(2)
Preliminary Annual 1965

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	1,106,306	1,109,223	2,215,529	240,408	301,940	542,348
Bulk "	9,066	8,226	17,292	51,231	49,780	101,011
Totals "	1,115,372	1,117,449	2,232,821	291,639	351,720	643,359
Freight, express and excess baggage carried:						
Unit toll lb.	8,420,540	33,793,735	42,214,275	8,789,995	24,296,359	33,086,354
Bulk "	-	-	-	5,574	2,013	7,587
Totals "	8,420,540	33,793,735	42,214,275	8,795,569	24,298,372	33,093,941
Mail carried (unit toll) "	1,797,978	3,181,241	4,979,219	1,757,280	2,111,000	3,868,280
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	108,610	117,343	225,953	1,455,324	1,528,506	2,983,830
Bulk "	952	702	1,654	61,249	58,708	119,957
Totals "	109,562	118,045	227,607	1,516,573	1,587,214	3,103,787
Freight, express and excess baggage carried:						
Unit toll lb.	3,155,360	1,989,356	5,144,716	20,365,895	60,079,450	80,445,345
Bulk "	30,536	-	30,536	36,110	2,013	38,123
Totals "	3,185,896	1,989,356	5,175,252	20,402,005	60,081,463	80,483,468
Mail carried (unit toll) "	389,942	352,214	742,156	3,945,200	5,644,455	9,589,655
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	860,369	893,621	1,753,990	594,955	634,885	1,229,840
Bulk "	41,389	40,318	81,707	19,860	18,390	38,250
Totals "	901,758	933,939	1,835,697	614,815	653,275	1,268,090
Freight, express and excess baggage carried:						
Unit toll lb.	12,709,522	32,196,893	44,906,415	7,656,373	27,882,557	35,538,930
Bulk "	30,536	-	30,536	5,574	2,013	7,587
Totals "	12,740,058	32,196,893	44,936,951	7,661,947	27,884,570	35,546,517
Mail carried (unit toll) "	2,541,711	2,810,324	5,352,035	1,403,489	2,834,131	4,237,620

(1) Only Canadian and Foreign carriers having scheduled services into and out of Canada are included in this report.

(2) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

Preliminary Annual 1965

	1965						1964	
	Fixed wing		Helicopters		Total			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	27	2,943	1,046	76,037	1,073	78,980	673	48,091
Aerial fish cultivation	11	2,133	-	-	11	2,133	10	1,077
Aerial patrol and inspection	12,076	1,339,194	8,802	1,125,833	20,878	2,465,027	17,914	1,848,905
Aerial pest control	3,136	611,013	20	10,002	3,156	621,015	5,519	720,070
Aerial photography and survey	6,827	1,009,016	2,285	159,539	9,112	1,168,555	5,785	610,677
Aerial photography (excl. survey) ..	966	39,610	1,098	102,842	2,064	142,452	2,972	385,513
Aircraft rental	1,136	19,682	-	-	1,136	19,682	858	22,177
Flying training	57,169	972,450	675	39,942	57,844	1,012,392	35,145	668,133
Geophysical survey	8,084	846,460	5,326	594,007	13,410	1,440,467	13,757	1,413,497
Non-transportation charter	815	199,466	-	178	815	199,644	1,139	95,987
Recreational flying	15,282	330,399	991	70,603	16,273	401,002	12,238	282,003
Specialty flying - Other	48	3,596	649	53,928	697	57,524	929	242,384
Totals	105,577	5,375,962	20,892	2,232,911	126,469	7,608,873	96,939	6,338,514

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

Preliminary Annual 1965

	1965			1964
	Carriers operating helicopters only	Carriers operating both helicopters and fixed wing aircraft	Total	
Carriers reporting	No. 16	6	22	21
Helicopters - Owned	" 153	22	175	156
Leased	" 25	3	28	19
Totals	" 178	25	203	175
Revenue hours flown - Unit toll	" 43	-	43	-
Bulk	" 82,891	3,837	86,728	62,290
Specialty	" 10,665	10,227	20,892	16,237
Totals	" 93,599	14,064	107,663	78,527
Non-revenue hours flown	" 5,350	554	5,904	3,341
Fuel and oil consumed:				
Gasoline	gal. 1,674,915	126,673	1,801,588	1,216,277
Cost	\$ 765,274	60,784	826,058	561,590
Oil	gal. 30,454	1,986	32,440	23,479
Cost	\$ 53,908	3,015	56,923	39,317
Average number of employees:				
Pilots	No. 179	13	192	144
Administrative	" 65	1	66	56
Maintenance labour	" 164	8	172	138
Other personnel	" 10	-	10	10
Totals	" 418	22	440	348
Salaries and wages:				
Pilots	\$ 1,759,766	115,154	1,874,920	1,330,451
Administrative	\$ 495,313	11,500	506,813	433,851
Maintenance labour	\$ 1,084,972	57,088	1,142,060	848,123
Other personnel	\$ 34,399	-	34,399	42,208
Totals	\$ 3,374,450	183,742	3,558,192	2,654,633

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1965

	1965	1964
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation(1)	-	-
Bulk transportation	10,015,235	6,386,913
Total transportation	10,015,235	6,386,913
Other flying services	1,168,035	959,245
Total flying services	11,183,270	7,346,158
Non-flying services	540,991	223,912
Total operating revenues	11,724,261	7,570,070
Operating expenses:		
Flying operations	4,322,426	2,696,960
Maintenance	3,448,517	2,118,698
General service and administration	1,241,498	935,192
Depreciation and amortization	1,353,001	764,274
Total operating expenses	10,365,442	6,515,124
Operating income (deficit)	1,358,819	1,054,946
Non-operating income:		
Capital gains and losses	58,887	34,365
Interest and discounts	11,004	12,108
Miscellaneous non-operating income	-	13,866
Income before interest expense	1,428,710	1,087,553
Interest expense	269,836	165,654
Income before income taxes	1,158,874	921,899
Provision for income taxes	108,058	74,799
Net income after income taxes	1,050,816	847,100

(1) Revenue for 43 unit toll hours not available.

TABLE 11. Operating Statistics, Canadian Group V Carriers

	1965	1964
Reporting carriers	No. 311	325
Transportation:		
Hours flown	" 111,343	113,705
Passengers carried	" 223,132	213,231
Goods carried	lb. 24,247,075	16,540,599
Specialty flying services:		
Aerial advertising	hr. 654	1
Aerial fish cultivation	" 26	124
Aerial patrol and inspection	" 9,244	7,788
Aerial pest control	" 9,321	6,721
Aerial photography and survey	" 947	728
Aerial photography (excl. survey)	" 542	670
Aircraft rental	" 21,162	16,985
Flying training	" 119,422	82,693
Geophysical survey	" 206	850
Non-transportation charter	" 1,184	261
Recreational flying	" 25,550	19,316
Specialty flying - Other	" 2,853	1,212
Totals	191,111	137,349
Total - All services:		
Revenue hours flown	No. 302,454	251,054
Non-revenue hours flown	" 14,323	13,890

CIVIL AVIATION DEFINITIONS (1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

-
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
 - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight, Load-Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-201

ANNUAL



Canada. Statistics, Bureau of
//

CIVIL AVIATION,
PRELIMINARY ANNUAL
1966



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Transportation and Public Utilities Division
Aviation Statistics Centre

July 1967
8705-512

Price: 50 cents

Reports Published by the
Transportation and Public Utilities Division
Aviation Statistics Centre

Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$3.00 a year
51-201	Civil Aviation - Preliminary Annual .....	.50
51-202	Civil Aviation - Annual .....	.50

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Publications Distribution, Dominion Bureau of Statistics, or to the Queen's Printer, Hull, P.Q.

TABLE OF CONTENTS

Page

Charts:

Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Percentage distribution of revenue passenger-miles performed by Canadian carriers in international unit toll services during 1966	5
Revenue passengers carried on international flights by Canadian and foreign carriers in unit toll services, 1956-66	5

SYMBOLS	6
---------------	---

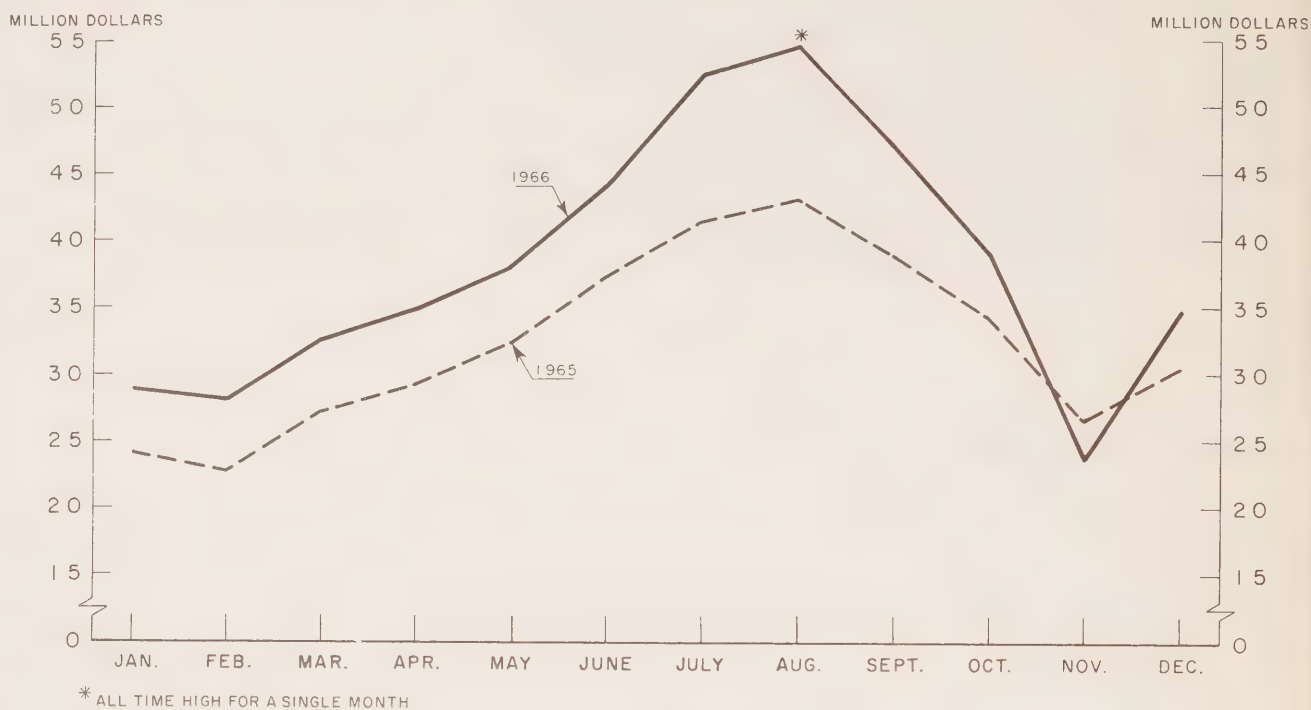
Introduction and Review of operations	7
---	---

Tables:

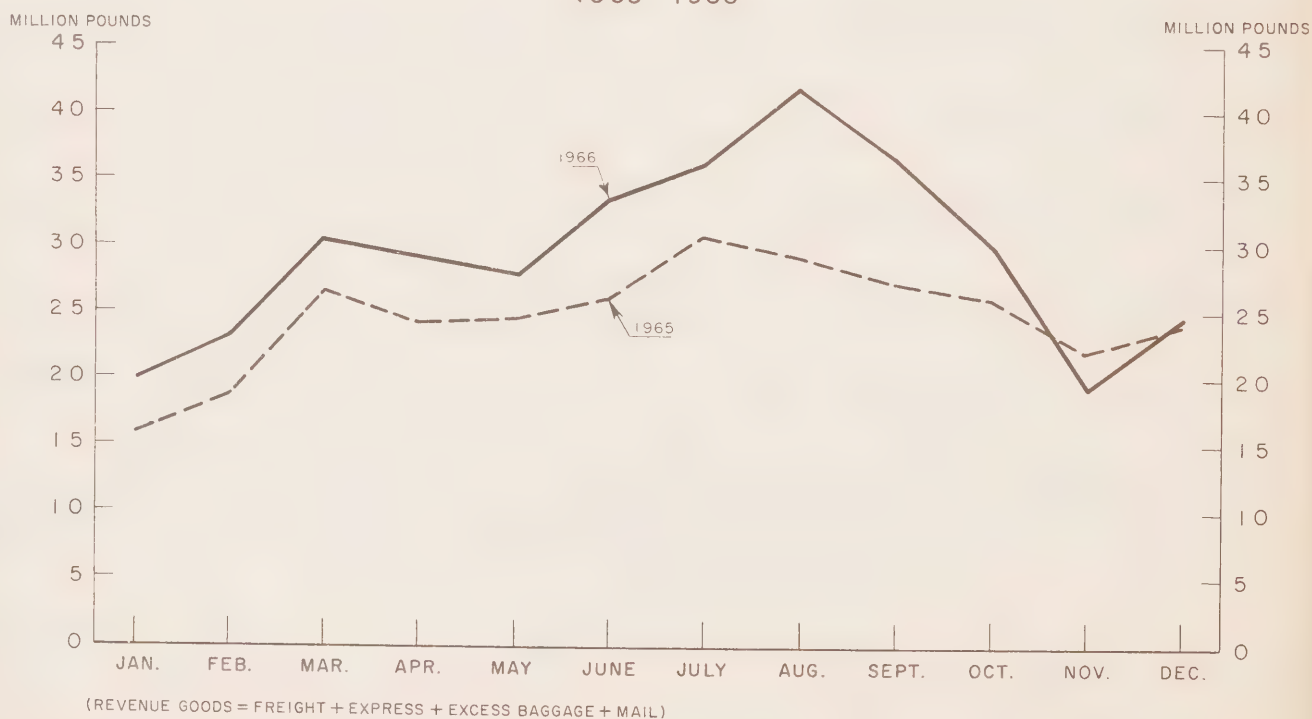
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19

Civil Aviation Definitions	20
----------------------------------	----

OPERATING REVENUE OF CANADIAN AIR CARRIERS 1965-1966

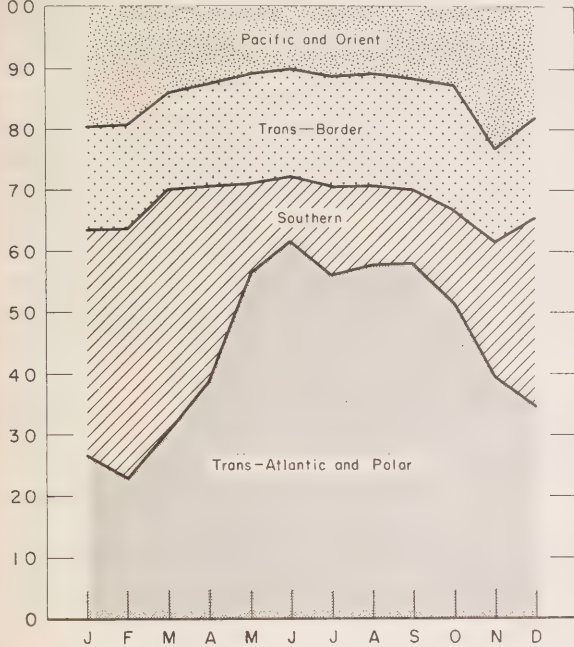


REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1965-1966



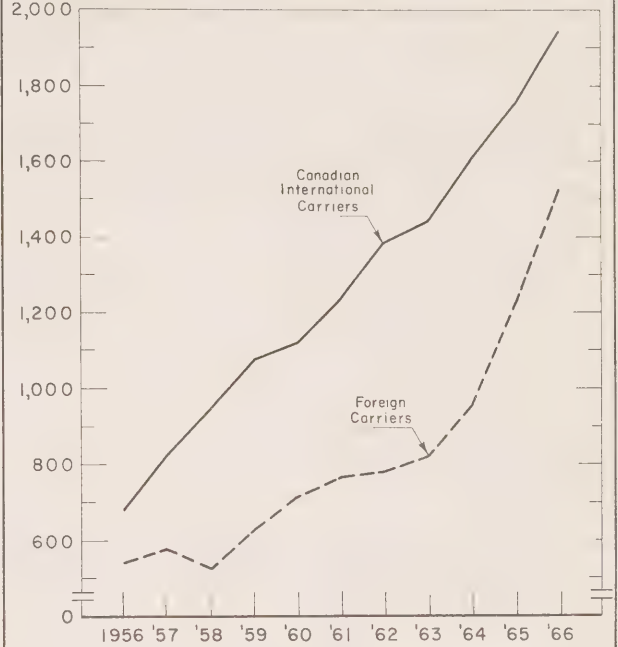
PERCENTAGE DISTRIBUTION OF REVENUE PASSENGER-MILES
PERFORMED BY CANADIAN CARRIERS
IN INTERNATIONAL UNIT TOLL SERVICES DURING 1966

PERCENTAGE
OF TOTAL
100



REVENUE PASSENGERS CARRIED ON INTERNATIONAL FLIGHTS
BY CANADIAN AND FOREIGN CARRIERS
IN UNIT TOLL SERVICES, 1956-1966

THOUSANDS
OF PASSENGERS
2,000



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and Foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1966". Data shown in this report are subject to revision.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. See page 20 for a more detailed description. It should be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V is comprised of the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout this report. In 1966 the financial statement will appear in the Annual only.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. Routes have been re-allocated in accordance with revised licenses and schedules, and are assigned to the predominant class of service.

Effective August 1, 1966 reporting classifications for specialty flying services were revised. In tables 8 and 11, data shown for both 1965 and 1966 are according to the revised classification.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Operations of those foreign carriers having scheduled services into Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Passengers and goods in transit are excluded from this report.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains operations of both Canadian and Foreign carriers with separate totals for each group.

Air Carriers, 1966 Operations*

For Canadian air carriers, 1966 was on the whole a year of substantial growth. Number of revenue passengers carried increased 13.6 per cent to 7,461,687 (6,570,449) while weight of goods carried was up 16.6 per cent to 178,550 (153,196) tons. Revenue miles flown were 15.2 per cent higher at 135,058,795 (117,237,963). For transportation services, totals of 6,000,212,600 (5,196,130,630) revenue passenger-miles and 149,166,149 (123,507,619) revenue goods ton-miles were reported, showing increases of 15.5 per cent and 20.8 per cent respectively.

Operating revenues of Canadian carriers for the year totalled \$460,556,463 (\$393,623,066), an increase of 17.0 per cent, while operating expenses amounted to \$429,795,272 (\$368,223,425), up 16.7 per cent. Operating income for the year was thus \$30,761,191 (\$25,399,641) or 21.1 per cent higher, while net income after taxes was \$15,710,997 (\$13,508,885) or 16.3 per cent above that for 1965.

During the year, the 17 (16) carriers operating helicopters exclusively reported flying 113,848 (93,599) revenue hours using 208 (178) helicopters. Their operating revenues totalled \$14,702,053 (\$11,724,261) and their operating expenses were \$12,874,321 (\$10,365,442), showing increases amounting to 25.4 per cent and 24.2 per cent respectively. Ten (6) carriers operating helicopters as well as fixed wing aircraft reported flying 15,191 (14,064) revenue hours with 35 (25) helicopters. In total, hours flown by helicopters were up 19.9 per cent to 129,039 (107,663).

The six scheduled carriers maintained about the same position relative to all Canadian carriers. They transported 6,754,438 (5,954,952) revenue passengers, or 90.5 (90.6) of the total, and 123,860 (106,245) tons of revenue goods, or 69.4 per cent of total in both years. Their operating revenues were \$403,049,847 (\$348,246,849), or 87.5 (88.5) per cent of the total, while their operating expenses, at \$378,175,342 (\$327,012,498) were 88.0 (88.8) per cent of the total. Their net income after taxes, totalled \$11,258,389 (\$10,354,729) or 71.7 (76.7) per cent of the Canadian carriers total.

The Group V carriers transported 224,607 (223,132) revenue passengers and 8,135 (12,124) tons of goods, an increase of 0.07 per cent and a decrease of 32.9 per cent respectively. Revenue hours flown were up 23.8 per cent to 374,589 (302,454).

Foreign carriers having scheduled services to and from Canada reported transportation of 1,562,004 (1,268,090) revenue passengers and 28,577 (19,892) tons of revenue goods, up 23.2 per cent and 43.7 per cent respectively.

* 1965 figures in brackets.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
Preliminary Annual 1966

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	1965
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Scheduled carriers Group I and II(1)	Group III(1)	Group IV				Total			
Number of carriers reporting ...	6	25	66	91	97	10	11	118	105	
Revenue transportation services:										
Unit toll:										
Departures	249,798	32,940	1,426	50,366	300,164					
Hours flown	335,369	33,605	7,809	41,414	376,783	4,164	17,344	398,291	353,670	
Miles scheduled	90,705,627	...	...	...	90,765,627	1,202,255	6,985,043	98,952,925	83,403,646
Miles flown:(4)										
Scheduled	92,480,598	...	...	...	92,480,598	1,160,777	6,959,615	100,600,990	85,371,240
Non-scheduled	2,542,473	4,196,104	939,797	5,135,901	7,678,374	-	-	7,678,374	7,787,910	
Totals	95,023,071	4,196,104	939,797	5,135,901	100,158,972	1,160,777	6,959,615	108,279,364	93,159,150	
Passengers carried	6,591,827	117,695	27,903	145,598	6,737,425	1,050,885	475,179	8,263,489	7,169,107	
Goods carried:										
Cargo	170,064,076	7,988,981	1,319,819	9,308,800	179,372,876					
Excess baggage(5)	1,275,287	535,798	70,869	606,667	1,881,954					
Mail	46,991,910	1,789,551	238,364	2,027,915	49,019,825					
Totals	218,331,273	10,314,330	1,629,052	11,943,382	230,274,655					
Passenger-miles	5,582,403,847	21,796,740	2,418,477	24,215,217	5,606,619,064	45,226,666	374,136,786	6,025,982,516	5,065,493,215	
Goods ton-miles:										
Cargo	108,033,257	2,404,167	304,041	2,708,208	110,741,465					
Excess baggage	715,799	82,532	23,489	106,021	821,820					
Mail	24,325,727	499,857	18,720	518,577	24,844,304	387,842	12,643,819	25,887,527	22,735,329	
Totals	133,074,783	2,986,556	346,250	3,332,806	136,407,589	441,231	13,633,653	150,482,473	119,912,795	
Bulk:										
Departures	25,829	111,581	183,361	294,942	320,771					
Hours flown	35,862	172,579	167,576	340,155	376,017					
Miles flown	6,454,831	12,844,007	15,601,009	28,445,016	34,899,847					
Passengers carried	162,611	267,170	294,481	561,651	724,262					
Freight carried	29,389,123	62,175,281	35,261,760	97,437,041	126,826,164					
Passenger-miles(6)	288,298,780	100,719,684	4,575,072	105,294,756	393,593,536					
Goods ton-miles(6)	5,036,147	7,361,122	361,291	7,722,413	12,758,560					
Revenue non-transportation services:										
Specialty flying - Hours flown "	3,180	51,976	132,478	184,454	187,634	-	-	187,634	126,469	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1966

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	1965
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers		Group IV	Total						
	Groups I and II(1)	Group III(1)								
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures	275,627	144,521	200,787	345,308	620,935	..	..	963,067	..	..
Hours flown	374,411	258,160	307,863	566,023	940,434	4,207	18,426	143,589,016	801,129	124,448,003
Miles flown	101,477,902	17,040,111	16,540,806	33,580,917	135,058,819	1,168,415	7,361,782	9,023,691	7,838,539	7,838,539
Passengers carried	6,754,438	384,865	322,384	707,249	7,461,687	1,054,382	507,622	360,325,791	291,499,029(8)	346,176,884
Cargo carried	199,453,199	70,164,262	36,581,579	106,745,841	308,080,994(8)	16,570,168	35,674,629	414,254,858	..	..
Goods carried	247,720,396	72,489,611	36,890,812	109,380,423	357,100,819	19,098,467	38,055,572	..	..	..
Passenger-miles(6)	5,870,702,627	122,516,424	6,993,549	129,509,973	6,000,212,600	..	..	..	..	..
Goods ton-miles(6)	138,110,930	10,347,678	707,541	11,055,219	149,166,149	..	..	..	..	..
Non-revenue:										
Hours flown	18,567	14,711	9,413	24,124	42,691	35	36	42,762	29,931	58,785
Passengers carried	38,982	1,408	418	1,826	40,808	15,283	8,909	65,000	4,782,084	4,456,276
Goods carried	2,863,736	491,222	65,808	557,030	3,420,766	279,858	1,081,460	261,348,112	9,024,955	8,283,040
Passenger-miles	252,162,863	1,869,740	-	1,869,740	254,032,603	656,931	6,658,578	..	..	..
Goods ton-miles	7,994,627	655,084	-	655,084	8,649,711	597	374,647	..	..	..
Fuel and oil consumed:										
Turbo fuel - Quantity	259,561,974	2,530,540	357,945	2,888,485	262,450,459	4,510,627	49,186,620	316,147,706	264,536,259	37,314,293
Cost	35,182,610	585,967	24,678	610,645	35,793,255	737,714	7,560,426	30,651,267	27,538,913	10,011,756
Gasoline - Quantity	16,563,015	9,571,432	4,341,564	13,912,996	30,476,011	16,694	158,562	11,310,349	51,404	467,976
Cost	5,342,672	3,916,703	1,988,710	5,905,413	11,248,085	8,291	53,973	72,618	346,410	441,724
Turbo oil - Quantity	67,692	15	1,540	1,555	69,247	875	2,496	523,701	388,575	520,831
Cost	491,054	270	3,656	3,926	494,980	4,827	23,894	388,575	520,831	441,724
Other oil - Quantity	191,304	132,491	64,565	197,056	388,360	1	214	388,575	520,831	441,724
Cost	218,654	191,208	110,711	301,919	520,573	4	254	388,575	520,831	441,724
Average number of employees:										
Pilots and co-pilots	1,315	481	395	876	2,191	..	..	..	..	..
Other flight personnel	1,482	40	41	81	1,563	..	..	..	..	..
General management	339	131	129	260	599	..	..	..	..	..
Maintenance labour	4,034	538	323	861	4,895	..	..	..	..	..
Aircraft & traffic servicing	6,208	169	71	240	6,448	..	..	..	..	..
Other personnel	5,258	218	268	486	5,744	..	..	..	..	..
Totals	18,636	1,577	1,227	2,804	21,440	327	711	22,478	19,981	..
Salaries and wages paid:										
Pilots and co-pilots	19,184,608	4,843,823	3,148,063	7,991,886	27,176,494	..	..	..	..	..
Other flight personnel	8,329,736	257,080	212,582	469,662	8,799,398	..	..	..	..	..
General management	4,037,297	1,218,545	1,023,352	2,241,897	6,279,194	..	..	..	..	..
Maintenance labour	26,977,823	3,396,209	1,807,882	5,204,091	32,181,914	..	..	..	..	..
Aircraft & traffic servicing	38,195,275	872,814	247,936	1,120,750	39,316,025	..	..	..	..	..
Other personnel	35,014,223	1,060,337	1,310,250	2,370,587	37,384,810	..	..	..	..	..
Totals	131,738,962	11,648,808	7,750,065	19,398,873	151,137,835	3,641,990	4,660,031	159,439,856	135,873,146	..

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See page 7, paragraph 6.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Services reclassified for 1966 according to revised licenses and schedules.

Mixed-service routes allocated to predominant class.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1966

	Scheduled carriers			Non-scheduled carriers			Grand total	1965
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	311,664,146	15,935,497	327,599,643	3,138,760	398,717	3,537,477	331,137,120	283,513,262
Express	6,490,237	405,651	6,895,888	59,312	19,148	78,460	6,974,348	5,863,954
Freight	23,490,579	2,727,589	26,218,168	1,401,403	73,707	1,475,110	27,693,278	22,457,379
Excess baggage	1,692,454	240,766	1,933,220	92,614	6,851	99,465	2,032,685	1,977,335
Mail	18,028,797	1,804,324	19,833,121	693,281	47,839	741,120	20,574,241	18,752,891
Total unit toll transportation ..	361,366,213	21,113,827	382,480,040	5,385,370	546,262	5,931,632	388,411,672	332,564,821
Bulk transportation	7,355,704	7,389,497	14,745,201	26,431,421	13,550,638	39,982,059	54,727,260	48,254,033
Total transportation	368,721,917	28,503,324	397,225,241	31,816,791	14,096,900	45,913,691	443,138,932	380,818,854
Other flying services	77,775	541,289	619,064	4,636,383	3,893,957	8,530,340	9,149,404	7,379,995
Total flying services	368,799,692	29,044,613	397,844,305	36,453,174	17,990,857	54,444,031	452,288,336	388,198,849
Non-flying services	4,303,310	902,232	5,205,542	1,243,536	1,819,049	3,062,585	8,268,127	5,424,217
Total operating revenues	373,103,002	29,946,845	403,049,847	37,696,710	19,809,906	57,506,616	460,556,463	393,623,066
Operating expenses:								
Flying operations	86,224,880	9,898,649	96,123,529	14,805,191	7,426,399	22,231,590	118,355,119	99,453,023
Maintenance	66,420,097	9,135,918	75,556,015	9,964,781	4,660,655	14,625,436	90,181,451	82,001,413
General services and administration:								
Passenger service	31,161,276	1,272,303	32,433,579	..	..	..	..	..
Aircraft and traffic servicing	49,935,853	4,086,994	54,022,847	..	..	..	..	..
Promotion and sales	61,186,715	2,093,345	63,280,060	..	..	..	..	..
General administration	14,395,550	1,932,915	16,328,465	..	..	..	..	..
Totals	156,679,394	9,385,557	166,064,951	6,856,576	3,222,113	10,078,689	176,143,640	146,609,101
Depreciation and amortization	38,768,926	1,661,921	40,430,847	3,002,960	1,681,255	4,684,215	45,115,062	40,159,888
Total operating expenses	348,093,297	30,082,045	378,175,342	34,629,508	16,990,422	51,619,930	429,795,272	368,223,425
Operating income (loss)	25,009,705	Dr. 135,200	24,874,505	3,067,202	2,819,484	5,886,686	30,761,191	25,399,641
Non-operating income - Net:								
Capital gains and losses	98,942	571,450	670,392	121,252	274,668	395,920	1,066,312	1,004,024
Interest and discounts	4,493,205	1,740	4,494,945	62,344	28,935	91,279	4,586,224	3,355,317
Miscellaneous non-operating income ..	Dr. 45,008	27,911	Dr. 17,097	256,975	141,411	398,386	381,289	Dr. 287,559
Income before interest expense	29,556,844	465,901	30,022,745	3,507,773	3,264,498	6,772,271	36,795,016	29,471,423
Interest expense	13,382,206	797,154	14,179,360	703,102	522,534	1,225,636	15,404,996	14,983,276
Income before income taxes	16,174,638	Dr. 331,253	15,843,385	2,804,671	2,741,964	5,546,635	21,390,020	14,488,147
Provision for income taxes	4,740,000	Cr. 155,004	4,584,996	927,048	166,979	1,094,027	5,679,023	979,262
Net income after income taxes	11,434,638	Dr. 176,249	11,258,389	1,877,623	2,574,985	4,452,608	15,710,997	13,508,885

(1) Group II non-scheduled carriers included with Group III for purposes of this report.
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1966

- 11 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	Transair Ltd.	Total	Total 1965
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	243,877,201	67,786,945	2,553,495	6,816,922	4,146,495	2,418,585	327,599,643	280,059,548
Express	5,911,579	578,658	157,203	193,836	-	54,612	6,895,888	5,759,631
Freight	17,819,039	5,671,540	872,029	1,064,442	551,593	239,525	26,218,168	21,265,130
Excess baggage	1,170,906	521,548	29,215	129,199	70,489	11,863	1,933,220	1,902,055
Mail	13,193,444	4,835,353	603,285	645,981	152,141	402,917	19,833,121	18,066,187
Total unit toll transportation ..	281,972,169	79,394,044	4,215,227	8,850,380	4,920,718	3,127,502	382,480,040	327,052,551
Bulk transportation	4,824,890	2,530,814	1,359,246	3,389,534	128,402	2,512,315	14,745,201	17,987,030
Total transportation	286,797,059	81,924,858	5,574,473	12,239,914	5,049,120	5,639,817	397,225,241	345,039,581
Other flying services	77,775	-	541,289	-	-	-	619,064	562,949
Total flying services	286,874,834	81,924,858	6,115,762	12,239,914	5,049,120	5,639,817	397,844,305	345,602,530
Non-flying services	3,068,508	1,234,802	200,881	15,609	314,937	370,805	5,205,542	2,644,319
Total operating revenues	289,943,342	83,159,660	6,316,643	12,255,523	5,364,057	6,010,622	403,049,847	348,246,849
Operating expenses:								
Flying operations	60,789,528	25,435,352	1,888,240	4,027,966	1,784,304	2,198,139	96,123,529	82,184,467
Maintenance	56,600,572	9,819,525	2,008,503	3,075,517	1,794,545	2,257,353	75,556,015	69,857,892
General services and administration:								
Passenger service	23,982,428	7,178,848	193,745	566,549	181,369	330,640	32,433,579	25,921,645
Aircraft and traffic servicing	41,622,271	8,313,582	1,340,527	1,935,249	476,092	335,126	54,022,847	46,689,135
Promotion and sales	44,828,447	16,358,268	115,225	443,742	877,185	657,193	63,280,060	52,146,758
General administration	11,282,307	3,113,243	368,861	720,601	522,157	321,296	16,328,465	13,931,687
Totals	121,715,453	34,963,941	2,018,358	3,666,141	2,056,803	1,644,255	166,064,951	138,689,225
Depreciation and amortization	36,884,506	1,884,420	606,479	528,887	372,593	153,962	40,430,847	36,280,914
Total operating expenses	275,990,059	72,103,238	6,521,580	11,298,511	6,008,245	6,253,709	378,175,342	327,012,498
Operating income (loss)	13,953,283	11,056,422	Dr.	957,012	Dr.	243,087	24,874,505	21,234,351
Non-operating income - Net:								
Capital gains and losses	49,570	49,372	7,688	484,675	8,472	85,991	670,392	389,802
Interest and discounts	3,236,152	1,257,053	840	-	-	900	4,494,945	3,279,045
Miscellaneous non-operating income ..	160,454	Dr.	581	89,422	Dr.	37,147	Dr.	311,394
Income before interest expense	17,399,459	12,157,385	Dr.	1,531,109	Dr.	193,343	30,022,745	24,591,804
Interest expense	11,579,581	1,802,625	397,630	133,780	203,657	62,087	14,179,360	13,951,036
Income before income taxes	5,819,878	10,354,760	Dr.	1,397,329	Dr.	255,430	15,843,385	10,640,768
Provision for income taxes	2,910,000	1,830,000	-	156,044	-	1,040	4,584,996	286,039
Net income after income taxes	2,909,878	8,524,760	Dr.	1,553,373	Dr.	256,470	11,258,389	10,354,729

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1966

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures No.	160,756	24,305	185,061	13,547	18,485	18,980	13,725	64,737	249,798
Hours flown	224,438	48,532	272,970	13,451	20,160	14,288	14,500	62,399	335,369
Miles scheduled	65,490,613	17,848,942	83,339,555	803,277	3,000,500	2,373,969	1,248,326	7,426,072	90,765,627
Miles flown:									
Scheduled - Regular	64,492,960	17,311,060	81,804,020	642,702	2,954,826	2,194,484	1,192,248	6,984,260	88,788,280
Extra sections	3,103,955	233,642	3,337,597	41,455	164,511	84,489	64,266	354,721	3,692,318
Non-scheduled	67,596,915	17,544,702	85,141,617	1,320,335	298,091	108,119	815,928	2,542,473	2,542,473
Totals				2,004,492	3,417,428	2,387,092	2,072,442	9,881,454	95,023,071
Ratio of regular miles flown to miles scheduled	98.5	97.0	98.2	80.0	98.5	92.4	95.5	94.1	97.8
Passengers carried	5,216,604	716,986	5,933,590	102,092	300,180	165,998	89,967	658,237	6,591,827
Goods carried:									
Freight 1b.	116,261,866	15,439,715	131,701,581	6,981,699	7,379,573	2,533,670	1,699,161	18,594,103	150,295,684
Express	16,013,165	1,774,674	17,787,839	1,033,676	724,912	-	221,965	1,980,553	19,768,392
Excess baggage .....	..	281,143	281,143(2)	162,006	352,755	406,016	73,367	994,144	1,275,287(2)
Mail	36,160,626	3,876,974	40,037,600	2,406,899	2,132,326	838,962	1,576,123	6,954,310	46,991,910
Totals	168,435,657	21,372,506	189,808,163	10,584,280	10,589,566	3,778,648	3,570,616	28,523,110	218,331,273
Passenger-miles:									
Scheduled	4,193,212,456	1,211,073,172	5,404,285,628	8,621,709	76,249,102	43,270,203	23,289,759	151,430,773	5,555,716,401
Non-scheduled	-	-	-	17,955,833	1,628,598	1,339,188	5,763,827	26,687,446	26,687,446
Totals	4,193,212,456	1,211,073,172	5,404,285,628	26,577,542	77,877,700	44,609,391	29,053,586	178,118,219	5,582,403,847
Available seat-miles on scheduled services	6,387,250,974	2,160,629,342	8,547,880,316	19,119,559	179,170,437	78,340,084	65,010,255	341,640,335	8,889,520,651
Passenger load factor on scheduled services	65.6	56.1	63.2	45.1	42.6	55.2	35.8	44.3	62.5
Goods ton-miles:									
Freight - Scheduled	74,591,233	20,987,433	95,578,666	406,464	2,357,904	487,154	171,706	3,423,228	99,001,894
Non-scheduled	-	-	-	1,493,512	19,933	4,784	91,554	1,609,783	1,609,783
Totals	74,591,233	20,987,433	95,578,666	1,899,976	2,377,837	491,938	263,260	5,033,011	100,611,677
Express - Scheduled	6,289,250	674,143	6,963,393	57,350	193,695	-	38,796	289,841	7,253,234
Non-scheduled	-	-	-	164,451	147	-	3,748	168,346	168,346
Totals	6,289,250	674,143	6,963,393	221,801	193,842	-	42,544	458,187	7,421,580

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1966

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	No.	556,435	556,435	3,954	53,044	61,647	10,458	129,103	685,538
Non-scheduled	-	-	-	23,641	2,165	1,490	2,965	30,261	30,261
Totals	-	556,435	556,435	27,595	55,209	63,137	13,423	159,364	715,799(2)
Mail - Scheduled	19,207,882	3,779,260	22,987,142	134,948	618,283	83,707	74,772	911,710	23,898,852
Non-scheduled	-	-	-	291,779	1,922	11,941	121,233	426,875	426,875
Totals	19,207,882	3,779,260	22,987,142	426,727	620,205	95,648	196,005	1,338,585	24,325,727
Total - Scheduled	100,088,365	25,997,271	126,085,636	602,716	3,222,926	632,508	295,732	4,753,882	130,839,518
Non-scheduled	-	-	-	1,973,383	24,167	18,215	219,500	2,235,265	2,235,265
Totals	100,088,365	25,997,271	126,085,636	2,576,099	3,247,093	650,723	515,232	6,989,147	133,074,783
Available ton-miles on scheduled services	983,493,304	286,673,986	1,270,167,290	2,699,096	21,555,404	7,872,513	7,859,033	39,986,046	1,310,153,336
Weight load factor on scheduled services(3)	52.8	51.3	52.5	54.3	50.3	63.0	33.4	49.8	52.4
Bulk:									
Departures	1,201	366	1,567	9,511	10,886	662	3,203	24,262	25,829
Hours flown	3,695	1,577	5,272	9,984	12,777	664	7,165	30,590	35,862
Miles flown	1,523,292	699,832	2,223,124	856,875	2,015,993	97,870	1,260,969	4,231,707	6,454,831
Passengers carried	53,880	21,871	75,751	18,468	39,345	2,666	26,381	86,860	162,611
Freight carried	41,483	1,050	42,533	3,078,047	17,408,839	1,323,188	7,536,516	29,346,590	29,389,123
Passenger-miles(4)	135,508,170	68,905,060	204,413,230	2,037,384	52,920,772	853,289	28,074,125	83,885,550	288,298,780
Goods ton-miles(4)	39,644	268	39,912	203,152	1,952,259	102,329	2,738,495	4,996,235	5,036,147
Revenue non-transportation services: Speciality flying - Hours flown	254	-	254	2,926	-	-	-	2,926	3,180
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures	161,957	24,671	186,628	23,058	29,371	19,642	16,928	88,999	275,627
Hours flown	228,387	50,109	278,496	26,361	32,937	14,952	21,665	95,915	374,411
Miles flown	69,120,207	18,244,534	87,364,741	2,861,367	5,433,421	2,484,962	3,333,411	14,113,161	101,477,902
Passengers carried	5,270,484	738,857	6,009,341	120,560	339,525	168,664	116,348	745,097	6,754,438
Cargo carried	132,316,514	17,215,439	149,531,953	11,093,422	25,513,324	3,856,858	9,457,642	49,921,246	199,453,199
Goods carried	168,477,140	21,373,556	189,850,696	13,662,327	27,998,405	5,101,836	11,107,132	57,869,700	247,720,396
Passenger-miles(4)	4,328,720,626	1,279,978,232	5,608,698,858	28,614,926	130,798,472	45,462,660	57,127,711	262,003,769	5,870,702,627
Goods ton-miles(4)	100,128,009	25,997,539	126,125,548	2,779,251	5,199,352	753,052	3,253,727	11,985,382	138,110,930

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1966

	Group I carriers			Group II carriers (1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded: (5)									
Non-revenue:									
Hours flown	10,080	3,062	13,142	2,027	1,487	550	1,361	5,425	18,567
Passengers carried .....	..	27,880	27,880	3,019	4,139	2,500	1,444	11,102	38,982
Goods carried .....	..	2,055,080	2,055,080	307,489	371,590	-	129,577	808,656	2,863,736
Passenger-miles	186,969,808	61,383,315	248,353,123	1,334,284	1,215,751	647,604	612,101	3,809,740	252,162,863
Goods ton-miles	5,098,147	2,670,893	7,769,040	91,435	106,284	-	27,868	225,587	7,994,627
Fuel and oil consumed:									
Turbo fuel - Quantity	201,301,742	54,238,338	255,540,080	1,081,968	-	2,125,464	814,462	4,021,894	259,561,974
Cost	25,695,742	8,663,262	34,359,004	227,212	-	438,400	157,994	823,606	35,182,610
Gasoline - Quantity	-	6,315,561	6,315,561	1,440,234	5,645,774	448,037	2,713,409	10,247,454	16,563,015
Cost	-	1,733,714	1,733,714	477,403	1,983,567	147,854	1,000,134	3,608,958	5,342,672
Turbo oil - Quantity	44,382	5,230	49,612	4,171	-	13,837	72	18,080	67,692
Cost	388,399	45,716	434,115	7,772	-	48,447	720	56,939	491,054
Other oil - Quantity	-	55,999	55,999	22,385	64,839	15,469	32,612	135,305	191,304
Cost	-	58,701	58,701	28,004	82,381	12,379	37,189	159,953	218,654
Average number of employees:									
Pilots and co-pilots	802	267	1,069	62	88	43	53	246	1,315
Other flight personnel	1,060	312	1,372	15	47	18	30	110	1,482
General management	73	114	187	8	75	54	15	152	339
Maintenance labour	2,823	593	3,416	198	209	110	101	618	4,034
Aircraft and traffic servicing	4,717	1,056	5,773	117	99	130	89	435	6,208
Other personnel	4,243	846	5,089	38	41	12	68	169	5,258
Total employees	13,718	3,188	16,906	448	559	367	356	1,730	18,636
Salaries and wages:									
Pilots and co-pilots	12,504,336	4,168,390	16,672,726	601,361	902,611	436,019	571,891	2,511,882	19,184,608
Other flight personnel	5,662,173	2,126,445	7,788,618	60,588	253,229	73,930	153,371	541,118	8,329,736
General management	1,734,643	1,247,577	3,002,620	107,647	423,146	316,003	187,881	1,034,677	4,037,297
Maintenance labour	19,290,422	3,758,796	23,049,218	1,086,139	1,497,304	680,875	664,287	3,928,605	26,977,823
Aircraft and traffic servicing	30,001,640	5,737,490	35,739,130	550,318	879,305	673,513	353,009	2,456,145	38,195,275
Other personnel	30,110,675	4,342,815	34,453,490	223,782	54,654	85,124	197,173	560,733	35,014,223
Total salaries and wages	99,323,889	21,381,913	120,705,802	2,629,835	4,010,249	2,265,464	2,127,612	11,033,160	131,738,962

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1966

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
Passengers carried:							
Originated	4,307,217	596,359	73,278	288,645	154,567	79,889	5,499,955
Domestic interline	909,387	56,107	23,188	-	-	-	1,046,455
Foreign interline		57,773	-	-	-	-	
Totals(2)	5,216,604	710,239	96,466	288,645	154,567	79,889	6,546,410
Express carried:							
Originated	16,013,165	1,774,674	981,099	724,006	-	221,965	19,714,909
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	16,013,165	1,774,674	981,099	724,006	-	221,965	19,714,909
Freight carried:							
Originated	116,261,866	12,068,950	6,833,182	7,077,640	2,533,670	796,408	145,571,716
Domestic interline	-	507,733	-	-	-	-	507,733
Foreign interline	-	1,503,434	-	-	-	-	1,503,434
Totals(2)	116,261,866	14,080,117	6,833,182	7,077,640	2,533,670	796,408	147,582,883
Excess baggage carried:							
Originated .....	..	281,143	148,116	318,488	406,016	61,297	1,215,060(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	281,143	148,116	318,488	406,016	61,297	1,215,060(3)
Mail carried:							
Originated	36,160,626	3,876,974	2,125,732	2,102,000	838,962	421,531	45,525,825
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	36,160,626	3,876,974	2,125,732	2,102,000	838,962	421,531	45,525,825

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1966

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures	28,099	7,455	6,968	1,473	43,995	141,066	185,061
Hours flown	36,547	31,567	19,419	8,950	96,483	176,487	272,970
Miles scheduled	8,156,605	15,272,332	7,897,314	4,633,635	35,959,876	47,379,679	83,339,555
Miles flown:							
Scheduled - Regular	7,945,287	14,977,101	7,811,744	4,433,337	35,167,469	46,636,551	81,804,020
Extra sections	405,368	146,629	238,056	77,337	867,390	2,470,207	3,337,597
Non-scheduled	—	—	—	—	—	—	—
Totals	8,350,655	15,123,730	8,049,800	4,510,674	36,034,859	49,106,758	85,141,617
Ratio of regular miles flown to miles scheduled	97.4	98.1	98.9	95.7	97.8	98.4	98.2
Passengers carried	No.	..	..	..	2,002,279	3,931,311	5,933,590
Cargo carried	lb.	..	..	..	61,531,243	88,239,320	149,770,563
Mail carried .....	..	..	..	..	6,612,975	33,424,625	40,037,600
Passenger-miles	No.	1,184,953,603	556,087,679	345,440,497	2,538,661,707	2,865,623,921	5,404,285,628
Available seat-miles on scheduled services	"	2,008,300,084	1,002,527,415	591,906,753	4,278,482,208	4,563,246,591	8,841,728,799
Passenger load factor on scheduled services	60.1	59.0	55.5	58.4	58.3	67.1	62.7
Goods ton-miles:							
Express	No.	—	—	—	882,120	6,081,273	6,963,393
Freight	"	25,746,119	7,887,348	7,398,795	46,950,371	48,628,245	95,578,666
Excess baggage	"	123,768	190,541	223,740	538,049	18,386	556,435
Mail	"	3,834,589	944,814	1,846,367	7,248,338	15,738,804	22,987,142
Totals	"	29,704,476	9,022,703	9,468,902	55,618,878	70,466,758	126,085,636
Available ton-miles on scheduled service	"	296,852,582	134,231,638	83,167,515	609,493,240	660,674,050	1,270,167,290
Weight load factor on scheduled services(1)	51.0	50.9	48.8	54.0	50.8	52.5	51.7
Bulk:							
Departures	1,574	1,242	169	59	3,044	...	...
Hours flown	2,927	8,185	733	273	12,118	...	...
Miles flown	611,535	3,368,787	211,747	137,525	4,329,594	...	...
Passengers carried	19,721	84,562	7,716	4,484	116,483	...	...
Goods carried	721,673	207,626	42,006	—	971,305	...	...
Passenger-miles(2)	No.	335,619,900	14,784,035	12,807,361	376,751,399	...	...
Goods ton-miles(2)	"	734,796	25,649	—	902,735	...	...
Total:							
Departures	29,673	8,697	7,137	1,532	47,039	...	...
Hours flown	39,474	39,752	20,152	9,223	108,601	...	...
Miles flown	8,962,190	18,492,517	8,261,547	4,648,199	40,364,453	...	...
Passengers carried .....	..	..	..	..	2,118,762	...	...
Goods carried	lb.	..	..	..	69,115,523	...	...
Passenger-miles(2)	No.	1,520,573,503	570,871,714	358,247,858	2,915,413,106	...	...
Goods ton-miles(2)	"	8,157,593	9,048,352	9,468,902	56,521,613	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

Preliminary Annual 1966

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	1,243,596	1,252,837	2,496,433	303,792	393,714	697,506
Bulk "	5,813	5,722	11,535	38,175	42,084	80,259
Totals "	1,249,409	1,258,559	2,507,968	341,967	435,798	777,765
Freight, express and excess baggage carried:						
Unit toll lb.	12,692,647	42,721,276	55,413,923	12,626,726	35,500,291	48,127,017
Bulk "	-	-	-	23,823	53,360	77,183
Totals "	12,692,647	42,721,276	55,413,923	12,650,549	35,553,651	48,204,200
Mail carried (unit toll) "	2,105,274	3,628,479	5,733,753	1,996,484	2,441,576	4,438,060
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	133,438	141,374	274,812	1,680,826	1,787,925	3,468,751
Bulk "	1,269	1,319	2,588	45,257	49,125	94,382
Totals "	134,707	142,693	277,400	1,726,083	1,837,050	3,563,133
Freight, express and excess baggage carried:						
Unit toll lb.	3,735,330	2,871,509	6,606,839	29,054,703	81,093,076	110,147,779
Bulk "	-	-	-	23,823	53,360	77,183
Totals "	3,735,330	2,871,509	6,606,839	29,078,526	81,146,436	110,224,962
Mail carried (unit toll) "	494,503	506,854	1,001,357	4,596,261	6,576,909	11,173,170
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	940,790	1,001,897	1,942,687	740,036	786,028	1,526,064
Bulk "	27,652	30,790	58,442	17,605	18,335	35,940
Totals "	968,442	1,032,687	2,001,129	757,641	804,363	1,562,004
Freight, express and excess baggage carried:						
Unit toll lb.	16,992,858	40,987,307	57,980,165	12,061,845	40,105,769	52,167,614
Bulk "	-	-	-	23,823	53,360	77,183
Totals "	16,992,858	40,987,307	57,980,165	12,085,668	40,159,129	52,244,797
Mail carried (unit toll) "	2,869,445	3,394,483	6,263,928	1,726,816	3,182,426	4,909,242

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

Preliminary Annual 1966

	1966						1965	
	Fixed wing		Helicopters		Total		Total	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	98,381	1,783,308	1,820	154,685	100,201	1,937,993	57,844	1,012,392
Recreational flying	14,855	363,750	1,194	96,948	16,049	460,698	16,273	401,002
Aerial photography and survey(1) ...	16,301	1,746,228	6,223	818,868	22,524	2,565,096	22,522	2,609,022
Aerial photography	471	34,652	101	8,683	572	43,335	2,064	142,452
Aerial inspection, reconnaissance and advertising(2)	12,494	1,508,767	9,144	825,324	21,638	2,334,091	21,951	2,544,007
Aerial application & distribution(3) ..	6,337	607,484	136	12,335	6,473	619,819	3,167	623,148
Aerial control	1,403	463,567	73	8,545	1,476	472,112	618	49,231
Aerial construction	-	-	223	128,037	223	128,037	79	8,293
Air ambulance and mercy services ...	-	-	15	2,733	15	2,733	-	-
Aircraft rental	17,046	369,981	-	-	17,046	369,981	1,136	19,682
Non-transportation charter	1,012	242,843	398	20,286	1,410	263,129	815	199,644
Totals	168,300	7,120,580	19,327	2,076,444	187,627	9,197,024	126,469	7,608,873

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

Note: Effective August 1, 1966 reporting classifications were revised. Data shown were reclassified accordingly.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

Preliminary Annual 1966

	1966			1965
	Carriers operating helicopters only	Carriers operating both helicopters and fixed wing aircraft	Total	Total
Carriers reporting	No. 17	10	27	22
Helicopters - Owned	" 179	31	210	175
Leased	" 29	4	33	28
Totals	" 208	35	243	203
Revenue hours flown - Unit toll	" 35	-	35	43
Bulk	" 103,279	6,398	109,677	86,728
Specialty	" 10,534	8,793	19,327	20,892
Totals	" 113,848	15,191	129,039	107,663
Non-revenue hours flown	" 7,261	718	7,979	5,904
Fuel and oil consumed:				
Gasoline	gal. 2,264,330	182,182	2,446,512	1,801,588
Cost	\$ 1,052,692	83,223	1,135,915	826,058
Oil	gal. 32,402	2,429	34,831	32,440
Cost	\$ 58,564	4,056	62,620	56,923
Average number of employees:				
Pilots	No. 202	18	220	192
Administrative	" 81	2	83	66
Maintenance labour	" 207	11	218	172
Other personnel	" 16	-	16	10
Totals	" 506	31	537	440
Salaries and wages:				
Pilots	\$ 2,100,631	168,484	2,269,115	1,874,920
Administrative	\$ 626,145	18,359	644,504	506,813
Maintenance labour	\$ 1,436,062	73,881	1,509,943	1,142,060
Other personnel	\$ 67,768	-	67,768	34,399
Totals	\$ 4,230,606	260,724	4,491,330	3,558,192

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1966

	1966	1965
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	13,080,777	10,015,235
Total transportation	13,080,777	10,015,235
Other flying services	1,229,066	1,168,035
Total flying services	14,309,843	11,183,270
Non-flying services	392,210	540,991
Total operating revenues	14,702,053	11,724,261
Operating expenses:		
Flying operations	5,975,389	4,322,426
Maintenance	3,913,639	3,448,517
General service and administration	1,554,443	1,241,498
Depreciation and amortization	1,430,850	1,353,001
Total operating expenses	12,874,321	10,365,442
Operating income (deficit)	1,827,732	1,358,819
Non-operating income:		
Capital gains and losses	Dr. 36,475	58,887
Interest and discounts	10,249	11,004
Miscellaneous non-operating income	61,430	-
Income before interest expense	1,862,936	1,428,710
Interest expense	313,404	269,836
Income before income taxes	1,549,532	1,158,874
Provision for income taxes	98,573	108,058
Net income after income taxes	1,450,959	1,050,816

TABLE 11. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1966

	1966	1965
Reporting carriers	No. 302	311
Transportation:		
Hours flown	" 105,705	111,343
Passengers carried	" 224,607	223,132
Goods carried	1b. 16,269,516	24,247,075
Specialty flying services:		
Flying training	hr. 178,985	119,422
Recreational flying	" 31,692	25,550
Aerial photography and survey(1)	" 3,326	1,153
Aerial photography	" 778	542
Aerial inspection, reconnaissance and advertising(2)	" 10,734	9,898
Aerial application and distribution(3)	" 16,507	9,347
Aerial control	" 1,918	2,853
Aerial construction	" 146	-
Air ambulance and mercy service	" 14	-
Aircraft rental	" 23,302	21,162
Non-transportation charter	" 1,482	1,184
Totals	" 268,884	191,111
Total - All services:		
Revenue hours flown	No. 374,589	302,454
Non-revenue hours flown	" 16,868	14,323

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

Note: Effective August 1, 1966 reporting classifications were revised. Data shown were reclassified accordingly.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	Any person who operates aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

-
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on regular flights at standard per pound rates when space is available.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight, Load-Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, aerial application and distribution, and aerial inspection, reconnaissance and advertising.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-201

ANNUAL

Government
Publications



CIVIL AVIATION
PRELIMINARY ANNUAL
1967



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Transportation and Public Utilities Division
Aviation Statistics Centre

July 1968
8705-512

Price: 50 cents

The contents of this document may be used freely but DBS should be credited when republishing all or any part of it.

Reports Published by the
Transportation and Public Utilities Division
Aviation Statistics Centre

Civil Aviation

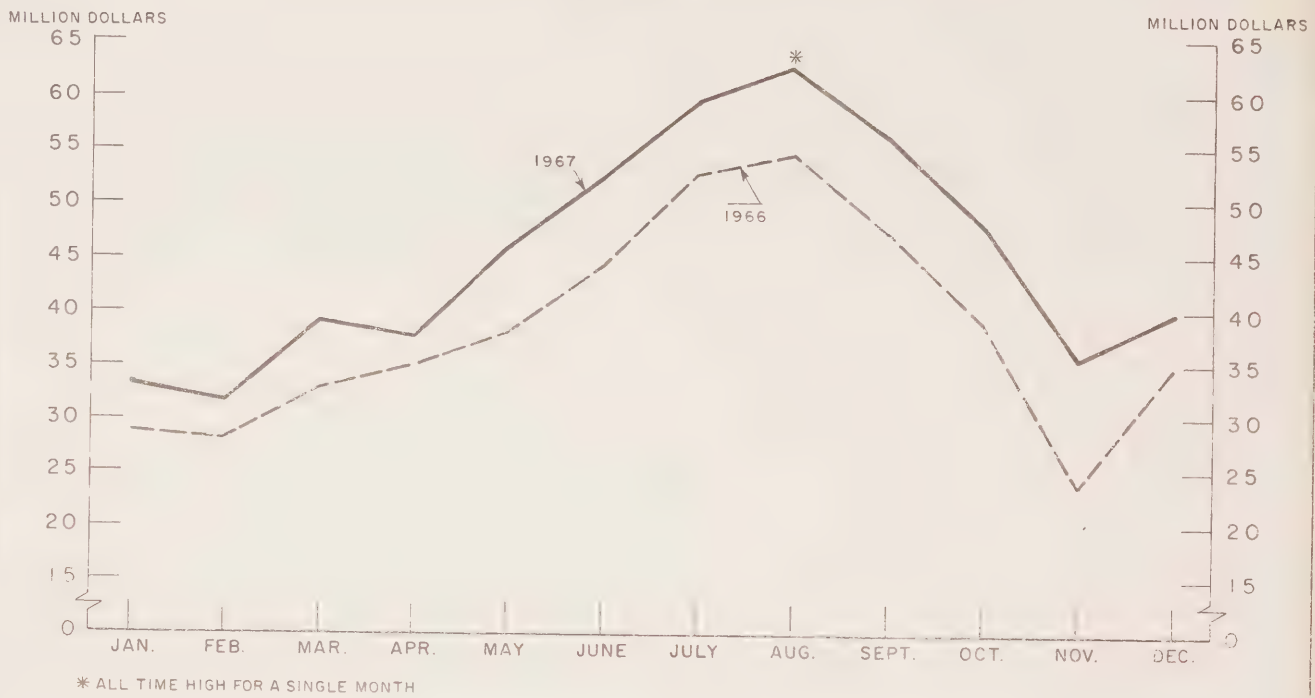
<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$3.00 a year
51-201	Civil Aviation - Preliminary Annual .....	.50
51-202	Civil Aviation - Annual .....	.50

Remittance should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Publications Distribution, Dominion Bureau of Statistics, Ottawa, or to the Queen's Printer, Hull, P.Q.

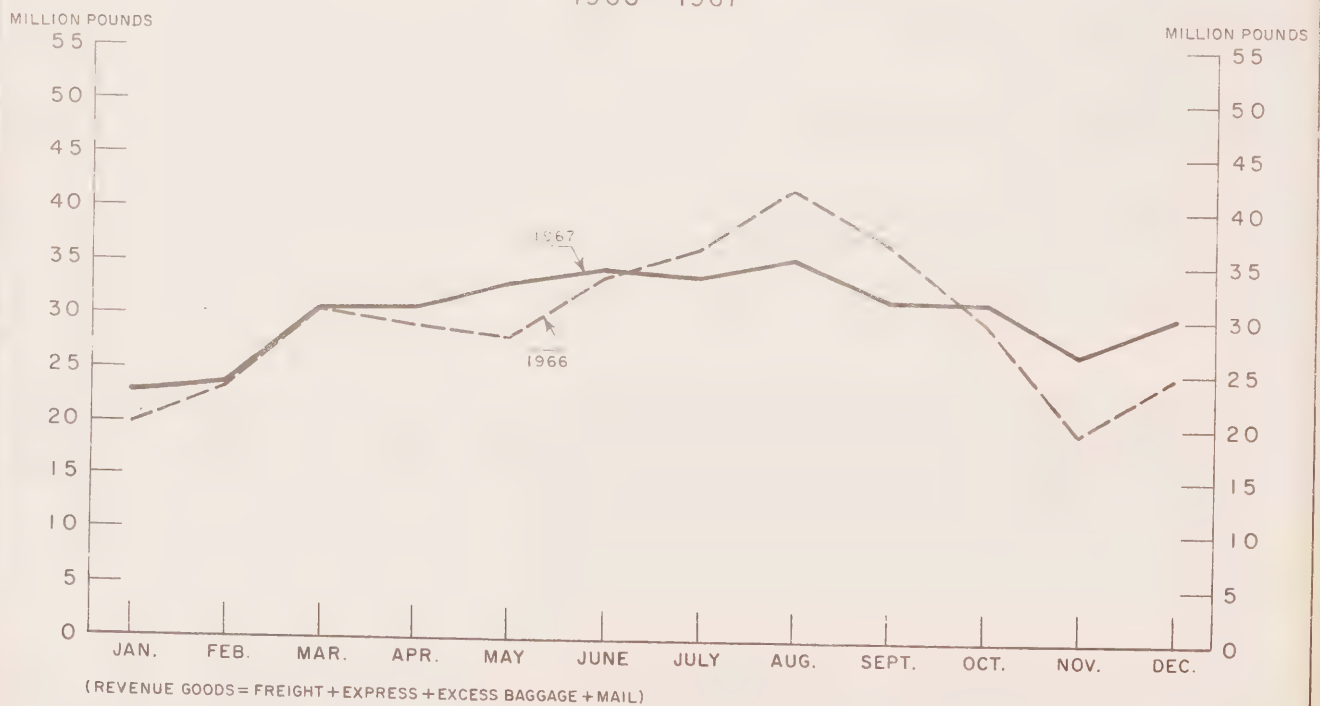
TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Percentage distribution of revenue passenger-miles performed by Canadian carriers in international unit toll services during 1967	5
Revenue passengers carried on international flights by Canadian and foreign carriers in unit toll services, 1957-67	5
SYMBOLS	6
Introduction and Review of operations	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19
Civil Aviation Definitions	20

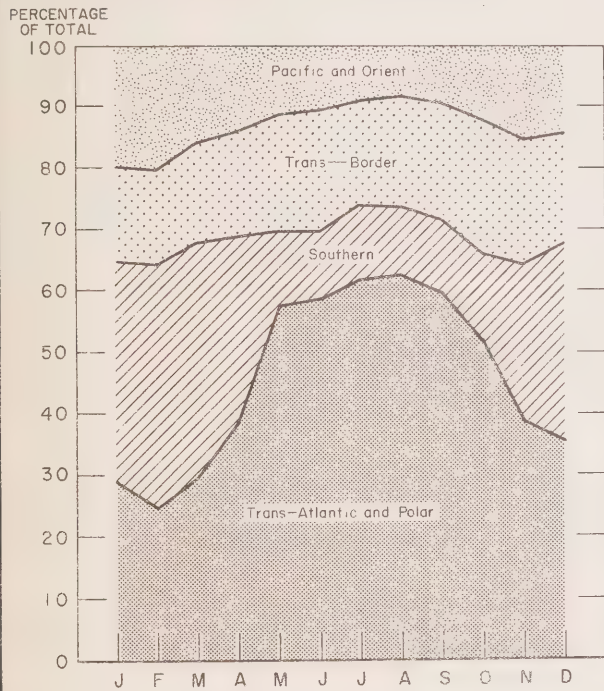
OPERATING REVENUE OF CANADIAN AIR CARRIERS 1966 - 1967



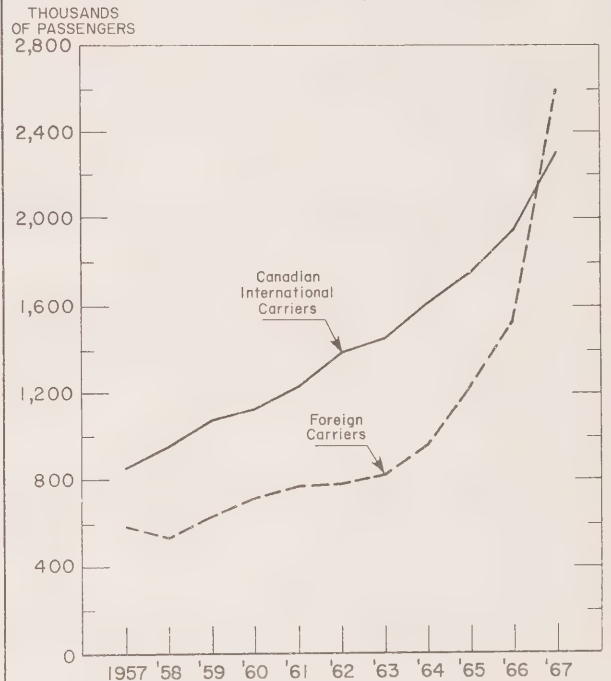
REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1966 - 1967



PERCENTAGE DISTRIBUTION OF REVENUE PASSENGER-MILES PERFORMED BY CANADIAN CARRIERS IN INTERNATIONAL UNIT TOLL SERVICES DURING 1967



REVENUE PASSENGERS CARRIED ON INTERNATIONAL FLIGHTS BY CANADIAN AND FOREIGN CARRIERS IN UNIT TOLL SERVICES, 1957-1967



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and Foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1967". Data shown in this report are subject to revision.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions", to be found from page twenty to page twenty-two of this publication. In January, 1967, 7 former Group IV carriers were transferred to Group III and 16 Group V carriers to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

Civil Aviation, 1967 Operations*

During 1967, the air transport industry in Canada expanded its' operations substantially, but the year was marked by sharply reduced profits.

The number of passengers carried for the year rose 19.9 per cent to 8,947,850 (7,461,687). Weight of goods carried showed an increase of 2.7 per cent to 183,417 (178,550) tons. Revenue miles flown rose 18.9 per cent to 160,652,137 (135,058,819). Transportation services showed increases of 22.1 per cent in revenue passenger-miles to 7,327,247,275 (6,000,212,600) and 14.0 per cent in revenue goods ton-miles to 170,094,941 (149,166,149).

Operating revenues of \$543,609,778 (\$460,556,463) and operating expenses of \$516,076,330 (\$429,795,272) were reported up 18.0 per cent and 20.1 per cent respectively. Operating income was \$27,533,448 (\$30,761,191) and net income after adjustment for income taxes was \$11,070,240 (\$15,710,997), down 10.5 per cent and 29.5 per cent respectively from 1966.

The six scheduled carriers maintained their position of dominance in the industry, transporting 8,102,250 (6,754,438) revenue passengers, or 90.5 (90.5) per cent of the total for all Canadian carriers. Carriage of 126,090 (123,960) tons of revenue goods was reported, amounting to 68.7 (69.4) per cent of the Canadian carrier total by weight. Operating revenues of \$475,063,832 (\$403,049,847) and expenses of \$452,463,118 (\$378,175,342) were 87.4 (87.5) per cent and 87.7 (88.0) per cent of those of all Canadian carriers. Their net income after taxes, totalled \$6,203,655 (\$11,258,389) or 56.0 (71.7) per cent of the Canadian carriers total.

During the year, the 17 (17) carriers operating helicopters exclusively reported flying 123,501 (113,848) revenue hours using 216 (208) helicopters. Their operating revenues totalled \$17,125,844 (\$14,702,053) and their operating expenses were \$15,203,240 (\$12,874,431) up 16.5 per cent and 18.1 per cent respectively. Fifteen (10) carriers operating helicopters as well as fixed wing aircraft reported flying 16,541 (15,191) revenue hours with 45 (35) helicopters. In total, hours flown by helicopters were up 8.5 per cent 140,042 (129,039).

The Group V carriers transported 217,660 (224,607) revenue passengers and 7,708 (8,135) tons of goods, showing decreases of 3.1 per cent and 5.2 per cent respectively. Revenue hours flown were up 8.7 per cent to 407,122 (374,589).

Foreign carriers operating scheduled services in Canada transported 2,648,252 (1,562,004) revenue passengers and 34,508 (28,577) tons of revenue goods, up 69.6 per cent and 20.8 per cent respectively over 1966.

* 1966 figures in brackets.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1967

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	1966	
	Scheduled carriers			Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Group I and II(1)	Group III(1)	Group IV	Total							
Number of carriers reporting ...	6	31	76	107	113	11	11	135	118		
Revenue transportation services:											
Unit toll:											
Departures	284,662	31,370	28,454	59,824	344,486	..	..	..	..	..
Hours flown	399,047	33,508	15,044	48,552	447,599	5,802	20,930	474,331	398,291	398,291	
Miles scheduled	112,130,048	...	...	...	112,130,048	1,902,084	8,485,400	122,517,532	98,952,925	98,952,925
Miles flown:(4)											
Scheduled	114,509,859	...	...	...	114,509,859	1,882,852	8,455,035	124,847,746	100,600,990	100,600,990
Non-scheduled	2,596,792	4,708,456	2,023,100	6,731,556	9,328,348	-	-	9,328,348	7,678,374	7,678,374	
Totals	117,106,651	4,708,456	2,023,100	6,731,556	123,838,207	1,882,852	8,455,035	134,176,094	108,279,364	108,279,364	
Passengers carried	7,971,450	126,669	59,144	185,813	8,157,263	1,911,778	678,088	10,747,129	8,263,489	8,263,489	
Goods carried:											
Cargo	178,650,898	7,769,178	1,994,929	9,764,107	188,415,005	21,901,704	40,665,122	253,352,218	233,422,444	233,422,444	
Excess baggage(5)	1,740,697	565,188	64,502	629,690	2,370,387	3,241,631	2,978,942	61,666,351	53,929,067	53,929,067	
Mail	52,253,031	2,453,291	739,456	3,192,747	55,445,778	25,143,335	43,644,064	315,018,569	287,351,511	287,351,511	
Totals	232,644,626	10,787,657	2,798,887	13,586,544	246,231,170	80,280,688	543,135,625	7,558,559,689	6,025,982,516	6,025,982,516	
Passenger-miles	6,902,390,357	25,439,793	7,313,226	32,753,019	6,935,143,376						
Goods ton-miles:											
Cargo	124,530,756	2,369,303	139,530	2,508,833	127,039,589	596,456	17,810,679	146,446,329	124,594,946	124,594,946	
Excess baggage	881,040	111,702	6,863	118,565	999,605	67,278	1,796,986	30,589,694	25,887,527	25,887,527	
Mail	28,029,565	628,482	67,383	695,865	28,725,430	663,734	19,607,665	177,036,023	150,482,473	150,482,473	
Totals	153,441,361	3,109,487	213,776	3,323,263	156,764,624						
Bulk:											
Departures	19,071	136,741	180,136	316,877	335,948	..	..	..	..	..
Hours flown	29,271	210,993	157,392	368,385	397,656	213	842	398,711	377,142	377,142	
Miles flown	5,142,852	15,953,961	15,557,503	31,511,464	36,654,316	48,480	316,338	37,019,134	35,309,652	35,309,652	
Passengers carried	130,800	317,305	342,482	659,787	790,587	20,075	38,311	848,973	760,202	760,202	
Freight carried	19,535,247	66,299,006	34,769,260	101,068,266	120,603,513	133,076	95,077	120,831,666	126,903,347	126,903,347	
Passenger-miles(6)	218,364,126	168,739,401	5,000,372	173,739,773	392,103,899	..	..	..	..	..
Goods ton-miles(6)	5,471,910	7,550,665	307,742	7,858,407	13,330,317	..	..	..	..	..
Revenue non-transportation services:											
Specialty flying - Hours flown "	3,585	118,745	133,364	252,109	255,694	-	-	255,694	187,634	187,634	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1967

	Canadian carriers					Total Canadian carriers	Foreign carriers (2)		Grand total all carriers
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers (3)	
	Groups I and II (1)	Non-scheduled carriers		Total					
		Group III (1)	Group IV						
Revenue	303,733	168,111	208,590	376,701	680,434	..	..	..
Hours flown	431,903	363,246	305,800	669,046	1,100,949	6,015	21,772	1,128,736	
Hours flown - scheduled	122,249	20,662	17,580	38,243	160,492	1,931	8,771	171,195	
Hours flown - non-scheduled	309,654	342,584	288,220	630,803	939,457	4,084	13,001	942,458	
Passenger-miles	6,102,250	4,419,974	401,626	8,456,000	13,987,850	1,931,853	716,399	15,636,002	
Freight ton-miles	198,186	74,063	36,764	110,832	311,388	22,034	40,760	374,183	
Goods carried	252,179	77,086	37,568	114,654	366,834	25,276	43,739	435,850	
Passenger-miles (6)	7,120,754	194,179	12,313	7,327,046	7,516,446	..	..	..
Goods ton-miles	158,913	10,640	521,518	11,181	170,094	..	..	..
Hours flown	20,785	13,741	10,291	24,032	44,817	111	61	44,989	
Passenger-miles	45,272	1,610	140	1,750	47,022	33,845	11,781	58,808	
Freight ton-miles	2,626	417	3,915	4,212	3,047	400	1,250	4,698	
Goods ton-miles	288,635	1,627	13,590	1,640	290,276	1,497	8,737	300,510	
Fuel and oil consumed:	8,478,092	267,746	330	268,076	8,746,168	10,940	818,665	9,575,773	
Turbo fuel	312,490	3,470	509	3,979	316,470	12,443	59,969	388,883	
Other oil	41,506	721	148	869	42,376	1,988	9,169	53,533	
Gasoline	15,772	11,488	4,596	16,085	31,857	149	27,061	32,034	
Turbo oil	5,158	4,712	2,094	6,806	11,965	36	6,294	12,008	
Other oil	72,979	805	1,038	1,863	74,842	2,062	1,229	78,133	
Average number of employees:	569,745	6,701	3,092	9,793	579,538	12,407	11,841	603,786	
Pilots and co-pilots	169,791	157,559	79,799	237,358	407,149	-	210	407,359	
Other personnel	188,448	235,917	130,977	366,894	555,342	-	228	555,570	
Expenses and wages paid:	1,613	583	452	1,035	2,648	..	..	..
Pilots and co-pilots	1,903	65	46	111	2,016	..	..	..
Other flight personnel	385	179	128	307	692	..	..	..
General personnel	4,367	597	334	931	5,298	..	..	..
Maintenance personnel	7,416	195	71	266	7,682	..	..	..
Other personnel	5,770	295	285	580	6,350	..	..	..
Total	21,456	1,914	1,316	3,230	24,686	544	776	26,006	
Salaries and wages paid:	23,837	6,050	3,668	9,719	33,556	..	..	..
Pilots and co-pilots	11,411	361	282	643	12,055	..	..	..
Other flight personnel	4,994	1,778	978	2,756	7,751	..	..	..
General personnel	33,142	3,927	1,899	5,826	38,969	..	..	..
Maintenance personnel	48,503	1,013	290	1,303	49,807	..	..	..
Aircraft & flight servicing	41,835	1,457	1,470	2,927	44,762	..	..	..
Other personnel	163,724	14,587	8,589	23,177	186,901	3,859	5,435	196,197	
Total	159,439	15,445	8,589	23,177	186,901	3,859	5,435	199,836	

(1) Group I - Scheduled carriers included with Group III for purposes of this report.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group
Preliminary Annual 1967

	Scheduled carriers			Non-scheduled carriers			Grand total	1966
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
				dollars				
Operating revenues:								
Unit toll transportation:								
Passengers	375,219,126	18,622,470	393,841,596	3,520,481	1,070,482	4,590,963	398,432,559	331,137,120
Express	6,898,553	453,803	7,352,356	61,913	46,978	108,891	7,461,247	6,974,348
Freight	26,205,827	2,906,399	29,112,226	1,571,467	132,797	1,704,264	30,816,490	27,693,278
Excess baggage	1,861,480	305,298	2,166,778	122,531	9,519	132,050	2,298,828	2,032,685
Mail	20,641,619	1,944,100	22,585,719	850,016	171,328	1,021,344	23,607,063	20,574,241
Total unit toll transportation ..	430,826,605	24,232,070	455,058,675	6,126,408	1,431,104	7,557,512	462,616,187	388,441,672
Bulk transportation	4,684,723	7,193,316	11,878,039	31,828,835	13,865,834	45,694,669	57,572,708	54,727,260
Total transportation	435,511,328	31,425,386	466,936,714	37,955,243	15,296,938	53,252,181	520,188,895	443,138,932
Other flying services	43,268	1,510,688	1,553,956	7,072,896	4,683,426	11,756,322	13,310,278	9,149,404
Total flying services	435,554,596	32,936,074	468,490,670	45,028,139	19,980,364	65,008,503	533,499,173	452,288,336
Non-flying services	5,826,956	746,206	6,573,162	1,833,591	1,703,852	3,537,443	10,110,605	8,268,127
Total operating revenues	441,381,552	33,682,280	475,063,832	46,861,730	21,684,216	68,545,946	543,609,778	460,556,463
Operating expenses:								
Flying operations	103,718,919	10,517,210	114,236,129	19,026,249	8,914,153	27,940,402	142,176,531	118,355,119
Maintenance	79,287,916	9,695,774	88,983,690	12,646,021	5,169,825	17,815,846	106,799,536	90,181,451
General services and administration:								
Passenger service	41,346,939	1,597,515	42,944,454	..	..	..	..	..
Aircraft and traffic servicing	61,563,772	4,374,665	65,938,437	..	..	..	..	..
Promotion and sales	73,195,598	2,387,771	75,583,369	..	..	..	..	..
General administration	18,304,649	2,306,037	20,610,686	..	..	..	..	..
Totals	194,410,958	10,665,988	205,076,946	8,192,048	3,795,099	11,987,147	217,064,093	176,143,640
Depreciation and amortization	41,663,695	2,582,658	44,246,353	3,572,235	2,297,582	5,869,817	50,036,170	45,115,062
Total operating expenses	419,081,488	33,381,630	452,463,118	43,436,553	20,176,659	63,613,212	516,076,330	429,795,272
Operating income (loss)	22,300,064	300,650	22,600,714	3,425,177	1,507,557	4,932,734	27,533,448	30,761,191
Non-operating income - Net:								
Capital gains and losses	258,647	316,586	575,233	552,641	151,462	704,103	1,279,336	1,066,312
Interest and discounts	6,037,247	124,173	6,161,420	179,421	17,871	197,292	6,358,712	4,586,224
Miscellaneous non-operating income ..	Dr.	24,146	Dr.	311,558	128,401	439,959	310,566	381,289
Income before interest expense	28,442,419	765,555	29,207,974	4,468,797	1,805,291	6,274,088	35,482,062	36,795,016
Interest expense	15,620,358	1,503,961	17,124,319	983,280	595,152	1,578,432	18,702,751	15,404,996
Income before income taxes	12,822,061	Dr.	12,083,655	3,485,517	1,210,139	4,695,656	16,779,311	21,390,020
Provision for income taxes	5,880,000	-	5,880,000 Cr.	306,855	135,926 Cr.	170,929	5,709,071	5,679,023
Net income after income taxes	6,942,061	Dr.	6,203,655	3,792,372	1,074,213	4,866,585	11,070,240	15,710,997

(1) Group II non-scheduled carriers included with Group III for purposes of this report.
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1967

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	1966
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	295,553,183	79,665,943	2,818,534	8,423,809	4,537,604	2,842,523	393,841,596	327,599,643
Express	6,265,123	633,430	102,033	234,202	-	97,568	7,352,356	6,895,888
Freight	19,741,870	6,463,957	909,712	1,155,821	611,499	229,367	29,112,226	26,218,168
Excess baggage	1,332,668	528,812	47,341	156,958	82,553	18,446	2,166,778	1,933,220
Mail	14,223,472	6,418,147	740,938	653,390	166,964	382,808	22,585,719	19,833,121
Total unit toll transportation ..	337,116,316	93,710,289	4,618,558	10,644,180	5,398,620	3,570,712	455,058,675	382,480,040
Bulk transportation	4,129,762	554,961	1,696,633	3,719,174	54,468	1,723,041	11,878,039	14,745,201
Total transportation	341,246,078	94,265,250	6,315,191	14,363,354	5,453,088	5,293,753	466,936,714	397,225,241
Other flying services	43,268	-	940,420	570,268	-	-	1,553,956	619,064
Total flying services	341,289,346	94,265,250	7,255,611	14,933,622	5,453,088	5,293,753	468,490,670	397,844,305
Non-flying services	4,321,874	1,505,082	257,921	-	45,921	442,364	6,573,162	5,205,342
Total operating revenues	345,611,220	95,770,332	7,513,532	14,933,622	5,499,009	5,736,117	475,063,832	403,049,847
Operating expenses:								
Flying operations	72,626,086	31,092,833	2,251,303	4,352,097	1,918,220	1,995,590	114,236,129	96,123,529
Maintenance	66,931,006	12,356,910	2,403,782	3,631,461	1,657,525	2,003,006	88,983,690	75,556,015
General services and administration:								
Passenger service	31,919,223	9,427,716	280,728	813,109	214,331	289,347	42,944,454	32,433,579
Aircraft and traffic servicing	50,982,145	10,581,627	1,471,662	2,095,121	441,950	365,932	65,938,437	54,022,847
Promotion and sales	53,403,385	19,792,213	189,884	642,001	905,810	650,076	75,583,369	63,280,060
General administration	14,164,160	4,140,489	454,537	989,445	429,359	432,696	20,610,686	16,328,465
Totals	150,468,913	43,942,045	2,396,811	4,539,676	1,991,450	1,738,051	205,076,946	166,064,951
Depreciation and amortization	39,705,284	1,958,411	639,918	1,332,776	276,278	253,686	44,166,353	40,430,847
Total operating expenses	329,731,289	89,350,199	7,691,814	13,856,010	5,843,473	5,990,333	452,463,118	378,175,342
Operating income (loss)	15,879,931	6,420,133	Dr.	1,077,612	Dr.	254,216	22,600,714	24,874,505
Non-operating income - Net:								
Capital gains and losses	73,440	185,207	3,845	179,061	-	133,680	575,233	670,392
Interest and discounts	4,753,958	1,283,289	1,877	118,626	-	3,670	6,161,420	4,494,945
Miscellaneous non-operating income ..	247,453	Dr.	4,678	44,825	Dr.	6,289	Dr.	17,097
Income before interest expense	20,954,782	7,487,637	Dr.	1,420,124	Dr.	123,155	29,207,974	30,022,745
Interest expense	13,857,462	1,762,896	442,950	777,716	221,826	61,469	17,124,319	14,179,360
Income before income taxes	7,097,320	5,724,741	Dr.	642,408	Dr.	184,624	12,083,655	15,843,385
Provision for income taxes	3,550,000	2,330,000	-	-	-	-	5,880,000	4,584,996
Net income after income taxes	3,547,320	3,394,741	Dr.	642,408	Dr.	184,624	6,203,655	11,258,389

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1967

- 12 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures	191,511	26,995	218,506	13,896	20,625	19,904	11,731	66,156	284,662
Hours flown	278,253	57,186	335,439	13,805	21,543	15,622	12,638	63,608	399,047
Miles scheduled	83,135,249	21,258,260	104,393,509	574,711	3,431,011	2,434,708	1,296,312	7,736,742	112,130,251
Miles flown:									
Scheduled - Regular	81,823,233	20,879,737	102,702,970	469,749	3,358,872	2,257,006	1,260,739	7,346,366	110,049,336
Extra sections	3,677,218	374,390	4,051,608	28,880	218,638	79,213	82,184	408,915	4,460,523
Non-scheduled	-	-	-	1,507,565	306,602	212,382	570,243	2,596,792	2,596,792
Totals	85,500,451	21,254,127	106,754,578	2,006,194	3,884,112	2,548,601	1,913,166	10,352,073	117,106,651
Ratio of regular miles flown to miles scheduled	98.4	98.2	98.4	81.7	97.9	92.7	97.3	95.0	98.1
Passengers carried	6,332,625	877,285	7,209,910	109,579	363,341	184,506	104,114	761,540	7,971,450
Goods carried:									
Freight	121,793,152	17,352,086	139,145,238	7,732,660	8,278,800	2,760,087	1,491,705	20,263,252	159,408,490
Express	15,696,595	1,716,301	17,414,826	488,687	996,247	-	342,648	1,827,582	19,242,408
Excess baggage(2)	-	293,454	293,454	213,041	715,167	436,163	82,872	1,447,243	1,740,697
Mail	40,493,001	4,471,175	44,964,176	3,012,053	2,150,980	891,382	1,234,440	7,288,855	52,253,031
Totals	177,984,678	23,833,016	201,817,694	11,446,441	12,141,194	4,087,632	3,151,665	30,826,932	232,644,626
Passenger-miles:									
Scheduled	5,221,358,111	1,477,295,796	6,698,753,907	5,428,285	90,522,020	47,837,371	30,736,885	174,524,561	6,873,278,468
Non-scheduled	-	-	-	22,158,803	1,385,518	2,610,453	2,957,113	29,111,889	29,111,889
Totals	5,221,358,111	1,477,395,796	6,698,753,907	27,587,088	91,907,538	50,447,826	33,693,998	203,636,450	6,902,390,357
Available seat-miles on scheduled services	8,054,456,160	2,408,894,908	10,463,351,068	11,340,808	204,746,109	80,998,994	71,058,773	368,144,684	11,043,501,773
Passenger load factor on scheduled services	64.8	56.4	62.7	47.9	44.2	59.1	43.3	47.4	62.2
Goods ton-miles:									
Freight - Scheduled	85,657,053	25,682,167	111,339,220	604,849	2,547,808	477,075	229,497	3,859,229	115,198,449
Non-scheduled	-	-	-	1,378,675	12,850	36,044	56,483	1,484,052	1,484,052
Totals	85,657,053	25,682,167	111,339,220	1,983,524	2,560,658	513,119	285,980	5,343,281	116,682,501
Express - Scheduled	6,774,401	651,455	7,425,856	19,403	275,930	-	54,989	350,322	7,776,178
Non-scheduled	-	-	-	64,531	-	-	7,546	72,077	72,077
Totals	6,774,401	651,455	7,425,856	83,934	275,930	-	62,535	422,399	7,848,255

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1967

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled(2) No.	..	591,624	591,624	1,677	114,309	97,217	15,115	228,318	819,942
Non-scheduled ..	-	-	-	41,194	6,048	13,083	773	61,098	61,098
Totals .....	..	591,624	591,624	42,871	120,357	110,300	15,888	289,416	881,040
Mail - Scheduled	21,453,782	5,106,724	26,560,506	120,671	689,468	74,599	87,523	972,261	27,532,767
Non-scheduled	-	-	-	387,361	1,591	17,484	90,362	496,798	496,798
Totals	21,453,782	5,106,724	26,560,506	508,032	691,059	92,083	177,885	1,469,059	28,029,565
Total - Scheduled	113,885,236	32,031,970	145,917,206	746,600	3,627,515	648,891	387,124	5,410,130	151,327,336
Non-scheduled	-	-	-	1,871,761	20,489	66,611	155,164	2,114,025	2,114,025
Totals	113,885,236	32,031,970	145,917,206	2,618,361	3,648,004	715,502	542,288	7,524,155	153,441,361
Available ton-miles on scheduled services	1,202,341,776	382,044,195	1,584,385,971	2,041,451	26,296,881	8,132,132	8,681,526	45,151,990	1,629,537,961
Weight load factor on scheduled services(3)	52.9	47.1	51.5	63.2	48.2	66.8	39.9	50.6	48.3
Bulk:									
Departures	1,115	126	1,241	10,463	5,595	197	1,575	17,830	19,071
Hours flown	3,264	402	3,666	12,426	8,032	248	4,899	25,605	29,271
Miles flown	1,295,936	176,413	1,472,349	1,158,552	1,579,572	34,917	897,462	3,670,503	5,142,852
Passengers carried	47,245	7,990	55,235	21,901	37,866	975	14,823	75,565	130,800
Freight carried	-	-	-	3,247,604	11,171,736	47,709	5,068,198	19,535,247	19,535,247
Passenger-miles(4)	118,225,479	14,697,161	132,922,640	3,079,665	69,100,009	428,080	12,833,732	85,441,486	218,364,126
Goods ton-miles(4)	-	-	-	168,820	2,498,071	5,262	2,799,757	5,471,910	5,471,910
Revenue non-transportation services:									
Specialty flying - Hours flown	159	-	159	3,426	-	-	-	3,426	3,585
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures	192,626	27,121	219,747	24,359	26,220	20,101	13,306	83,986	303,733
Hours flown	281,676	57,588	339,264	29,657	29,575	15,870	17,537	92,639	431,903
Miles flown	86,796,387	21,430,540	108,226,927	3,164,746	5,463,684	2,583,518	2,810,628	14,022,576	122,249,503
Passengers carried	6,379,870	885,275	7,265,145	131,480	401,207	185,481	118,937	837,105	8,102,250
Cargo carried	137,491,677	19,068,387	156,560,064	11,468,951	20,446,783	2,807,796	6,902,551	41,626,081	198,186,145
Goods carried	177,984,678	23,833,016	201,817,694	14,694,045	23,312,930	4,135,341	8,219,863	50,362,179	252,179,873
Passenger-miles(4)	5,339,583,590	1,492,092,957	6,831,676,547	30,666,753	161,007,547	50,875,906	46,527,730	289,077,936	7,120,754,483
Goods ton-miles(4)	113,885,236	32,031,970	145,917,206	2,787,181	6,146,075	720,764	3,342,045	12,996,065	158,913,271

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1967

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown	11,596	3,564	15,160	2,449	2,037	495	674	5,655	20,815
Passengers carried	"	31,758	31,758	2,991	7,002	1,988	1,533	13,514	45,272
Goods carried	"	1,957,305	1,957,305	337,333	243,284	-	88,595	669,212	2,626,517
Passenger-miles	220,962,348	64,480,216	285,442,564	1,013,969	1,935,931	641,218	601,676	4,192,794	289,635,358
Goods ton-miles	6,261,047	2,006,698	8,267,745	95,083	93,201	-	22,063	210,347	8,478,092
Fuel and oil consumed:									
Turbo fuel - Quantity	242,008,579	63,724,026	305,732,605	1,259,862	2,561,629	2,276,544	660,011	6,758,046	312,490,651
Cost	30,938,909	9,143,751	40,082,660	277,263	541,340	478,075	126,744	1,423,422	41,506,082
Gasoline - Quantity	-	7,042,605	7,042,605	1,505,798	4,581,413	429,829	2,212,655	8,729,695	15,772,300
Cost	-	1,993,610	1,993,610	557,727	1,602,916	141,844	862,881	3,165,368	5,158,978
Turbo oil - Quantity	47,429	6,401	53,830	675	3,757	14,645	72	19,149	72,979
Cost	423,680	59,598	483,278	10,125	24,356	51,266	720	86,467	569,745
Other oil - Quantity	-	53,193	53,193	23,089	52,285	14,729	26,495	116,598	169,791
Cost	-	52,701	52,701	28,942	65,373	11,787	29,745	135,847	188,548
Average number of employees:									
Pilots and co-pilots	12,373	3,895	16,268	854	1,151	520	562	3,087	19,355
Other flight personnel	16,791	4,612	21,403	199	1,707	209	345	1,460	22,863
General management	975	1,455	2,430	142	1,193	640	217	2,192	4,622
Maintenance labour	36,848	8,117	44,965	2,508	2,387	1,361	1,184	7,440	52,405
Aircraft and traffic servicing	67,703	15,786	83,489	1,464	1,445	1,579	1,013	5,501	88,990
Other personnel	55,191	11,806	66,997	609	684	130	817	2,240	69,237
Total employees	189,881	45,671	235,552	5,776	7,567	4,439	4,138	21,920	257,472
Salaries and wages:									
Pilots and co-pilots	16,043,800	4,997,860	21,041,660	674,518	1,171,445	458,653	491,078	2,795,694	23,837,354
Other flight personnel	8,187,020	2,678,814	10,865,834	67,368	267,406	89,988	121,051	545,813	11,411,647
General management	2,045,421	1,482,688	3,528,109	163,993	662,609	404,439	235,289	1,466,330	4,994,439
Maintenance labour	24,224,463	4,719,641	28,944,104	1,251,885	1,591,684	682,907	672,017	4,198,493	33,142,597
Aircraft and traffic servicing	38,424,679	7,469,340	45,894,019	604,246	933,574	751,572	319,796	2,609,188	48,503,207
Other personnel	35,655,293	5,420,591	41,075,884	255,186	177,244	96,118	231,091	759,639	41,835,523
Total salaries and wages	124,580,676	26,768,934	151,349,610	3,017,196	4,803,962	2,483,677	2,070,322	12,375,157	163,724,767

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1967

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
Passengers carried:							
Originated	5,124,930	671,819	77,142	351,278	184,506	97,305	6,506,980
Domestic interline	1,207,695	61,672	27,409	-	-	-	1,376,546
Foreign interline		79,770	-	-	-	-	
Totals(2)	6,332,625	813,261	104,551	351,278	184,506	97,305	7,883,526
Express carried:							
Originated	15,698,525	1,545,498	462,346	996,247	-	342,648	19,045,264
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	15,698,525	1,545,498	462,346	996,247	-	342,648	19,045,264
Freight carried:							
Originated	121,793,152	13,736,880	7,646,356	8,055,698	2,760,087	1,049,956	155,042,129
Domestic interline	-	383,099	-	-	-	-	383,099
Foreign interline	-	938,834	-	-	-	-	938,834
Totals(2)	121,793,152	15,058,813	7,646,356	8,055,698	2,760,087	1,049,956	156,364,062
Excess baggage carried:							
Originated .....	..	291,635	205,969	614,747	436,163	76,885	1,625,399(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	291,635	205,969	614,747	436,163	76,885	1,625,399(3)
Mail carried:							
Originated	40,493,001	4,212,443	2,647,581	2,125,235	891,382	458,074	50,827,716
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	40,493,001	4,212,443	2,647,581	2,125,235	891,382	458,074	50,827,716

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1967

Unit to:	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit to:							
Departures	29,079	9,017	9,157	1,819	49,072	169,434	218,506
Hours flown	41,264	40,469	24,632	11,120	117,485	217,954	335,439
Miles scheduled	9,864,726	19,513,903	10,025,455	5,303,092	44,707,176	59,686,333	104,393,509
Miles flown:							
Scheduled - Regular	9,559,659	19,316,921	9,891,632	5,219,854	43,988,066	58,714,904	102,702,970
Extra sections	655,500	140,505	179,644	297,310	1,272,959	2,778,649	4,051,608
Non-scheduled	-	-	-	-	-	-	-
Totals	10,215,159	19,457,426	10,071,276	5,517,164	45,261,025	61,493,553	106,754,578
Ratio of regular miles flown to miles scheduled	96.9	99.0	98.7	98.4	98.4	98.4	98.4
Passenger-miles	563,403,047	1,491,206,381	663,774,988	402,385,558	3,120,769,974	3,577,983,933	6,698,753,907
Available seat-miles on scheduled services	896,003,540	2,573,988,434	1,240,319,381	704,151,219	5,414,462,574	5,260,894,514	10,675,357,088
Passenger load factor on scheduled services	62.9	57.9	53.5	57.1	57.6	68.0	62.7
Goods ton-miles:							
Express	611,884	-	-	-	611,884	6,813,972	7,425,856
Freight	6,135,260	33,797,557	9,354,599	8,898,203	58,185,619	53,153,601	111,339,220
Excess baggage	299	141,291	201,583	227,176	570,349	21,275	591,624
Mail	644,611	4,012,737	1,644,299	2,894,568	9,196,215	17,364,291	26,560,506
Totals	7,392,054	37,951,585	11,200,481	12,019,947	68,564,067	77,353,139	145,917,206
Available ton-miles on scheduled service	123,617,727	391,370,470	169,185,195	113,956,644	798,130,036	786,255,935	1,584,385,971
Weight load factor on scheduled services(1)	51.6	47.8	45.9	45.9	47.7	55.3	51.5
Bulk:							
Departures	3,136	709	134	74	4,053	...	...
Hours flown	5,248	5,083	632	327	11,290	...	...
Miles flown	1,037,707	2,160,294	162,907	144,631	3,505,539	...	...
Passengers carried	32,660	56,889	5,748	4,879	100,176	...	...
Goods carried	581,036	-	27,014	-	608,050	...	...
Passenger-miles(2)	30,732,808	230,778,425	10,404,994	10,315,415	282,231,642	...	...
Goods ton-miles(2)	132,587	-	13,672	-	146,259	...	...
Total:							
Departures	32,215	9,726	9,291	1,893	53,125	...	...
Hours flown	46,512	45,552	25,264	11,447	128,775	...	...
Miles flown	11,252,866	21,617,720	10,234,183	5,661,795	48,766,564	...	...
Passengers carried .....	...	...	...	...	2,469,905	...	...
Goods carried .....	...	...	...	...	71,880,417	...	...
Passenger-miles(2)	594,135,855	1,721,984,806	674,179,982	412,700,973	3,403,001,616	...	...
Goods ton-miles(2)	7,524,641	37,951,585	11,214,153	12,019,947	68,710,326	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
Preliminary Annual 1967

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	1,827,778	1,813,152	3,640,930	416,892	519,831	936,723
Bulk "	14,377	14,450	28,827	33,438	33,565	67,003
Totals "	1,842,155	1,827,602	3,669,757	450,330	553,396	1,003,726
Freight, express and excess baggage carried:						
Unit toll lb.	14,173,982	43,625,813	57,799,795	15,178,881	41,952,943	57,131,824
Bulk "	165	132,911	133,076	24,879	70,198	95,077
Totals "	14,174,147	43,758,724	57,932,871	15,203,760	42,023,141	57,226,901
Mail carried (unit toll) "	2,759,089	4,018,098	6,777,187	2,230,034	2,861,820	5,091,854
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	150,053	164,099	314,152	2,394,723	2,497,082	4,891,805
Bulk "	923	943	1,866	48,738	48,958	97,696
Totals "	150,976	165,042	316,018	2,443,461	2,546,040	4,989,501
Freight, express and excess baggage carried:						
Unit toll lb.	3,855,947	3,501,661	7,357,608	33,208,810	89,080,417	122,289,227
Bulk "	-	-	-	25,044	203,109	228,153
Totals "	3,855,947	3,501,661	7,357,608	33,233,854	89,283,526	122,517,380
Mail carried (unit toll) "	926,958	904,244	1,831,202	5,916,081	7,784,162	13,700,243
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	1,114,301	1,187,638	2,301,939	1,280,422	1,309,444	2,589,866
Bulk "	20,477	18,833	39,310	28,261	30,125	58,386
Totals "	1,134,778	1,206,471	2,341,249	1,308,683	1,339,569	2,648,252
Freight, express and excess baggage carried:						
Unit toll lb.	17,729,910	41,992,491	59,722,401	15,478,900	47,087,926	62,566,826
Bulk "	-	-	-	25,044	203,109	228,153
Totals "	17,729,910	41,992,491	59,722,401	15,503,944	47,291,035	62,794,979
Mail carried (unit toll) "	3,761,101	3,718,569	7,479,670	2,154,980	4,065,593	6,220,573

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service
Preliminary Annual 1967

	1967						1966	
	Fixed Wing		Helicopters		Total		Total	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	141,187	2,735,118	4,211	309,164	145,398	3,044,282	100,201	1,937,993
Recreational flying	16,945	345,066	2,299	179,534	19,244	524,600	16,049	460,698
Aerial photography and survey(1) ...	16,145	1,488,372	6,227	954,546	22,372	2,442,918	22,524	2,565,096
Aerial photography	788	73,128	79	8,789	867	81,917	572	43,335
Aerial inspection, reconnaissance and advertising(2)	20,615	2,450,573	9,445	1,019,133	30,060	3,469,706	21,638	2,334,091
Aerial application & distribution(3) ..	5,560	671,550	107	15,778	5,667	687,328	6,473	619,819
Aerial control	5,777	1,332,234	2,569	285,559	8,346	1,617,793	1,476	472,112
Aerial construction	-	-	510	130,528	510	130,528	223	128,037
Air ambulance and mercy services ...	41	4,615	9	1,109	50	5,724	15	2,733
Aircraft rental	19,280	354,515	664	46,676	19,944	401,191	17,046	369,981
Non-transportation charter	1,861	184,066	1,375	141,593	3,236	325,659	1,410	263,129
Totals	228,199	9,639,237	27,495	3,092,409	255,694	12,731,646	187,627	9,197,024

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV
Preliminary Annual 1967

	1967			1966
	Carriers operating helicopters only	Carriers operating both helicopters and fixed wing aircraft	Total	Total
Carriers reporting	No. 17	15	32	27
Helicopters - Owned	" 194	42	236	210
Leased	" 22	3	25	33
Totals	216	45	261	243
Revenue hours flown - Unit toll	" 68	-	68	35
Bulk	" 105,293	7,186	112,479	109,677
Specialty	" 18,140	9,355	27,495	19,327
Totals	123,501	16,541	140,042	129,039
Non-revenue hours flown	" 5,441	569	6,010	7,979
Fuel and oil consumed:				
Gasoline	gal. 2,739,826	213,631	2,953,457	2,446,512
Cost	\$ 1,136,862	101,570	1,238,432	1,135,915
Oil	gal. 39,367	3,632	42,999	34,831
Cost	\$ 68,400	6,392	74,792	62,620
Average number of employees:				
Pilots	No. 215	20	235	220
Administrative	" 98	1	99	83
Maintenance labour	" 194	12	206	218
Other personnel	" 16	-	16	16
Totals	523	33	556	537
Salaries and wages:				
Pilots	\$ 2,420,137	196,355	2,616,492	2,269,115
Administrative	\$ 782,800	11,000	793,800	644,504
Maintenance labour	\$ 1,496,606	77,448	1,574,054	1,509,943
Other personnel	\$ 71,508	-	71,508	67,768
Totals	\$ 4,771,051	284,803	5,055,854	4,491,330

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1967

	1967	1966
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	14,640,224	13,080,777
Total transportation	14,640,224	13,080,777
Other flying services	2,139,869	1,229,066
Total flying services	16,780,093	14,309,843
Non-flying services	345,751	392,210
Total operating revenues	17,125,844	14,702,053
Operating expenses:		
Flying operations	6,690,855	5,975,389
Maintenance	4,888,197	3,913,639
General service and administration	1,838,080	1,554,443
Depreciation and amortization	1,786,108	1,430,850
Total operating expenses	15,203,240	12,874,321
Operating income (deficit)	1,922,604	1,827,732
Non-operating income:		
Capital gains and losses	Dr. 33,709	Dr. 36,475
Interest and discounts	2,938	10,249
Miscellaneous non-operating income	10,103	61,430
Income before interest expense	1,901,936	1,862,936
Interest expense	453,715	313,404
Income before income taxes	1,448,221	1,549,532
Provision for income taxes	142,195	98,573
Net income after income taxes	1,306,026	1,450,959

TABLE 11. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1967

	1967	1966
Reporting carriers	No. 275	302
Transportation:		
Hours flown	" 112,322	105,705
Passengers carried	" 217,660	224,607
Goods carried	lb. 15,415,344	16,269,516
Specialty flying services:		
Flying training	hr. 207,990	178,985
Recreational flying	" 34,197	31,692
Aerial photography and survey(1)	" 874	3,326
Aerial photography	" 1,224	778
Aerial inspection, reconnaissance and advertising(2)	" 13,365	10,734
Aerial application and distribution(3)	" 9,190	16,507
Aerial control	" 1,440	1,918
Aerial construction	" 90	146
Air ambulance and mercy services	" 22	14
Aircraft rental	" 24,353	23,302
Non-transportation charter	" 2,055	1,482
Totals	294,800	268,884
Total - All services:		
Revenue hours flown	No. 407,122	374,589
Non-revenue hours flown	" 15,922	16,868

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

-
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passengers. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

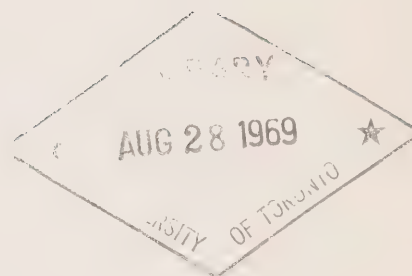
51-201

ANNUAL



CIVIL AVIATION
PRELIMINARY ANNUAL

1968



Published by Authority of
The Minister of Industry, Trade and Commerce

DOMINION BUREAU OF STATISTICS
Transportation and Public Utilities Division
Aviation Statistics Centre

July 1969
8705-512

Price: 50 cents

The contents of this document may be used freely but DBS should be credited when republishing all or any part of it.

Reports Published by the
Transportation and Public Utilities Division
Aviation Statistics Centre

Civil Aviation

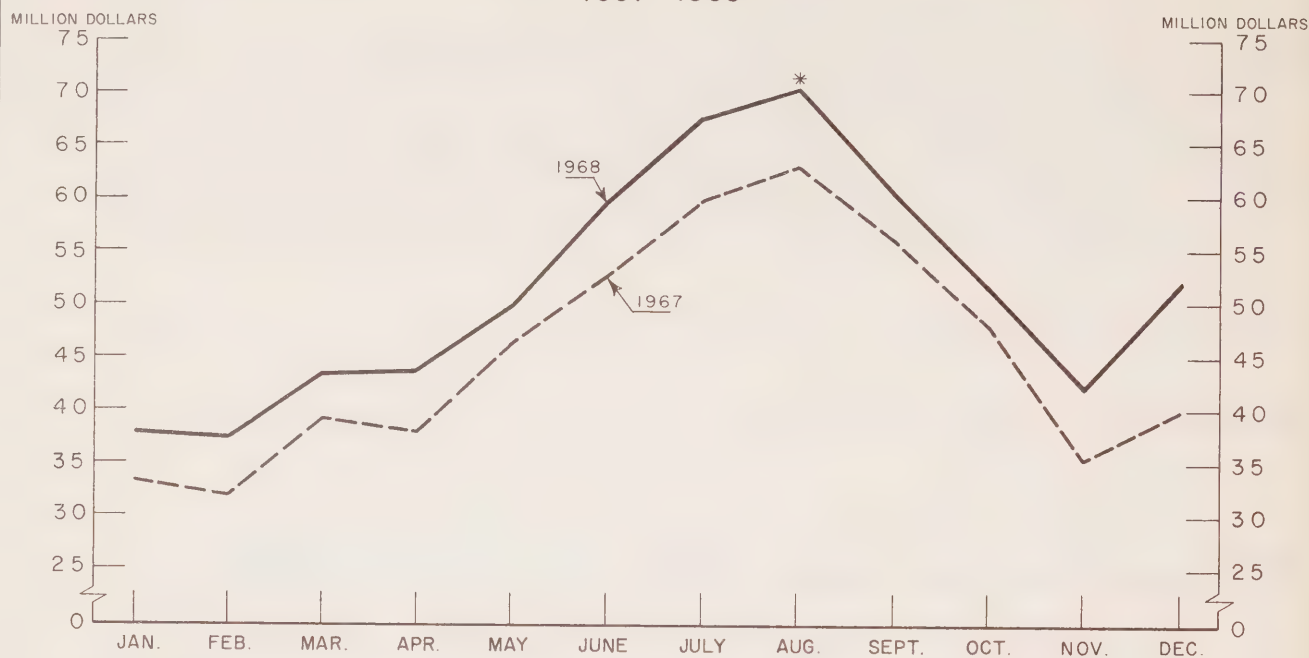
<u>Catalogue No.</u>	<u>Title</u>
51-001	Civil Aviation - Monthly
51-201	Civil Aviation - Preliminary Annual
51-202	Civil Aviation - Annual

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

TABLE OF CONTENTS

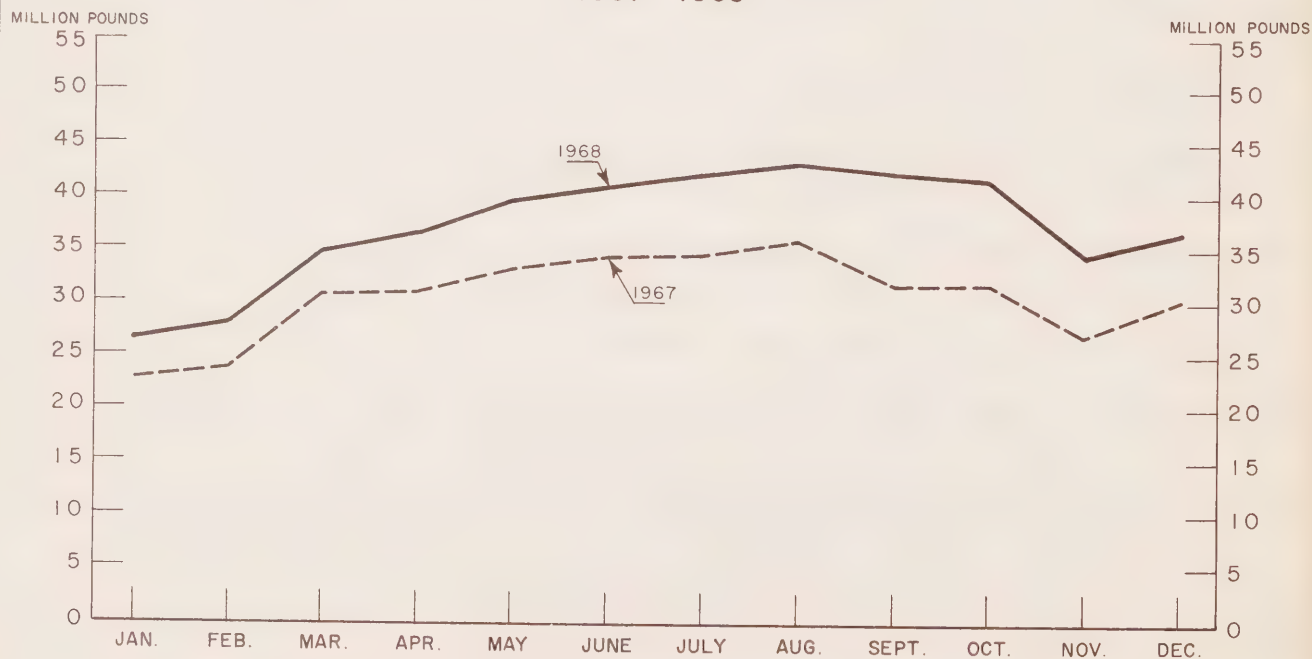
	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Percentage distribution of revenue passenger-miles performed by Canadian carriers in international unit toll services during 1967	5
Revenue passengers carried on international flights by Canadian and foreign carriers in unit toll services, 1957-67	5
SYMBOLS	6
Introduction and Review of operations	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19
Civil Aviation Definitions	20

OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



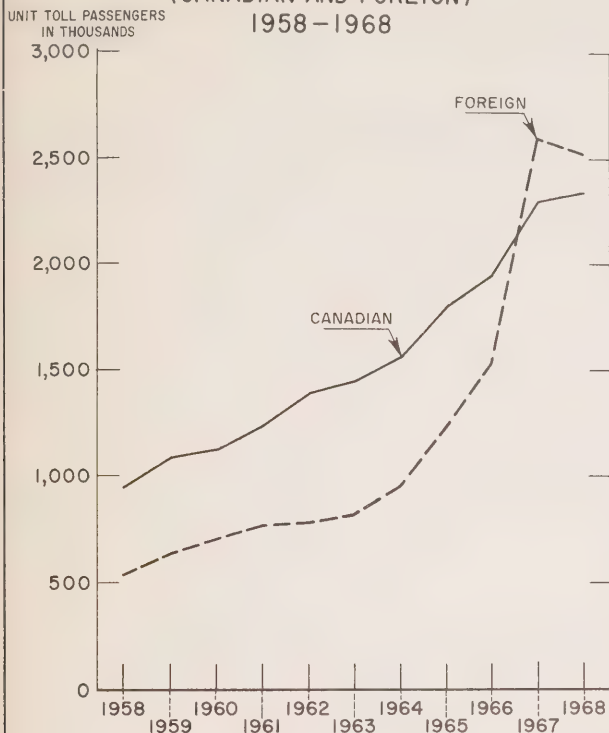
*ALL TIME HIGH FOR A SINGLE MONTH

REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968

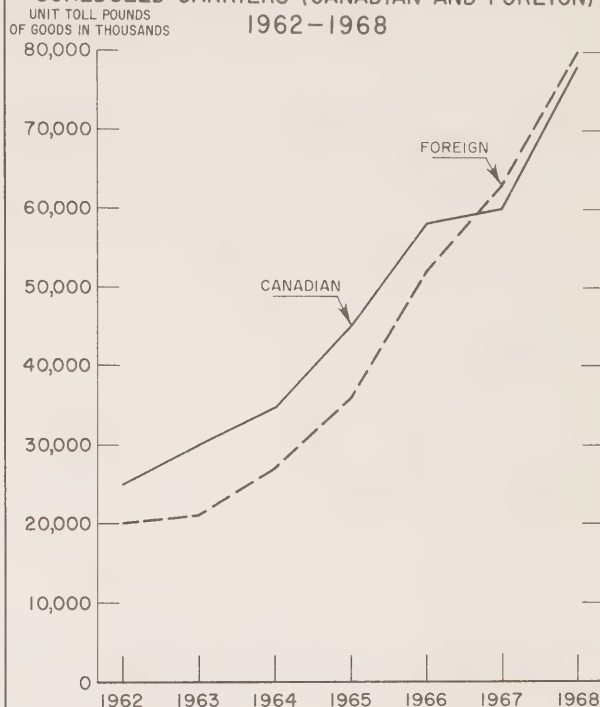


(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

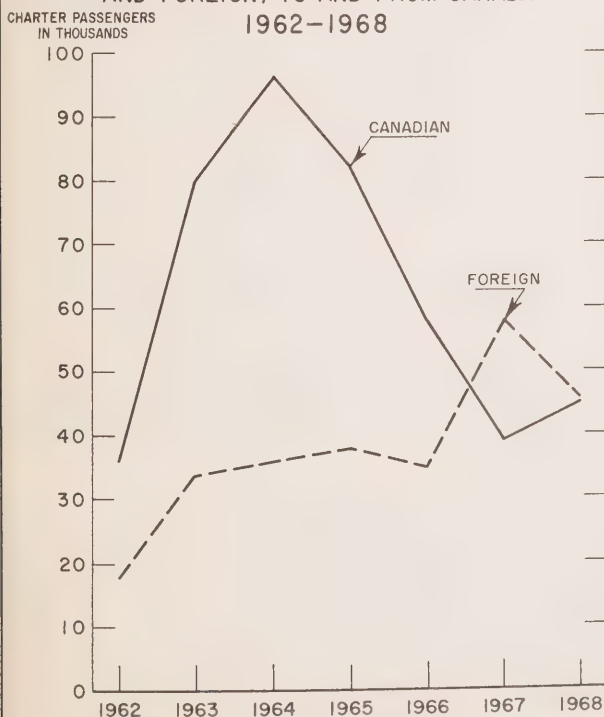
REVENUE PASSENGERS CARRIED ON INTERNATIONAL
UNIT TOLL SERVICES BY SCHEDULED CARRIERS
(CANADIAN AND FOREIGN)
1958-1968



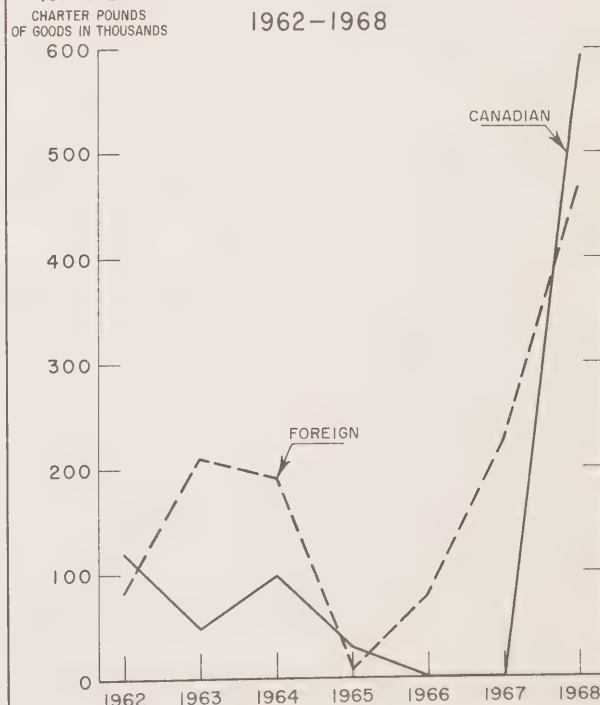
POUNDS OF REVENUE GOODS CARRIED ON
INTERNATIONAL UNIT TOLL SERVICES BY
SCHEDULED CARRIERS (CANADIAN AND FOREIGN)
1962-1968



REVENUE PASSENGERS CARRIED ON INTERNATIONAL
CHARTERS BY SCHEDULED CARRIERS (CANADIAN
AND FOREIGN) TO AND FROM CANADA
1962-1968



POUNDS OF REVENUE GOODS CARRIED ON
INTERNATIONAL CHARTERS BY SCHEDULED CARRIERS
(CANADIAN AND FOREIGN) TO AND FROM CANADA
1962-1968



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and Foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1968". Data shown in this report are subject to revision.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of flying revenues and type of service performed. Descriptions of these groups are found from page twenty to page twenty-two of this publication. In January 1968, two former Group III carriers were transferred to Group IV, and this, combined with the reclassification of some carriers from Group V to reflect their increased volume of business, enlarged Group IV by a total of nine companies. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (325) is found in Group V. These are smaller companies which report on a quarterly basis only and whose traffic is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers who report on a monthly basis.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those Foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

Civil Aviation, 1968 Operations

During 1968 airline operations showed divergent trends according to the size and type of company. Air Canada and Canadian Pacific Airlines showed increased traffic and improved financial positions but the regional carriers (Eastern Provincial Airways (1963) Ltd., Quebecair, Transair and Pacific Western Airlines) as a group recorded a deficit despite increased traffic. Smaller local airlines and companies providing charter services and specialty flying recorded larger totals for traffic carried. The net income of Group III carriers declined sharply from \$3.8 million in 1967 to less than \$1 million in 1968. However, companies in financial reporting Group IV increased their total revenues and expenses by 50 per cent and their income by one third.

Group V carriers increased in number from 275 in 1967 to 325 in 1968 as new licencees began operations and a few companies formerly in Group IV were reclassified on the basis of revenues belonging in Group V. Although the number of hours flown in transportation services (unit toll and charter) was lower by about 12 per cent there was a corresponding increase in the amount of specialty flying reported by Group V. The major portion of this increase was accounted for by a growth in the amount of flying training of over 25,000 hours. Larger totals were also recorded for recreational flying, aircraft rental and aerial photography and survey.

Net income figures for Air Canada and hence for Group I & II and Group I-IV totals are somewhat unusual when compared to other years. Air Canada revised its estimate of the useful life of turbo-prop aircraft and as a result depreciation expense in 1968 was reduced by \$5,350,000 thereby producing an improvement in net income after tax of \$2,675,000.

The net income of carriers operating only helicopters increased by \$250,000. To accomplish this the same number of companies as in 1967 used more machines and flew 10,000 more hours. Helicopter operations continued to become more widespread as the value of these specialized machines in developing and exploring remote or inaccessible parts of the country made itself known. Turbine-powered helicopters were used more extensively as their greater capacities, speeds and ease of maintenance created a demand for them.

Foreign airlines carried slightly smaller volumes of passenger traffic in 1968 as they were unable to match the record levels set during the Centennial Year with its very popular World's Fair Expo '67 in Montreal. However, goods traffic measured in pounds showed an increase of almost one third.

During 1968 there was an increase of 64.7 per cent in the number of bulk passenger-miles flown by Canadian carriers. Long distance jet charter flights open to groups have become increasingly popular. Europe, the Caribbean and Hawaii have come within the reach of increasing numbers of associations who arrange "package" holidays and tours for the benefit of their members. Modern jet equipment has come into use by Group III carriers such as Wardair and Nordair. The 100 per cent increase in bulk passenger-miles reported by Group III carriers during 1968 testifies to the successful promotion and development of this type of service.

Bulk goods ton-miles reported by carriers in Groups I-IV showed an increase of over forty per cent in 1968. This increase was largely concentrated in the movement of supplies into the far north as a part of a wide ranging series of resource exploration and development programs. The most notable gains in freight charter traffic were shown by Pacific Western Airlines whose bulk goods ton-miles increased by two and one half times to 6.7 million. This amounted to well over one half of the total for this type of service for all carriers in Canada. The use of specialized large capacity Hercules aircraft suited to the short, unpaved landing fields of the Arctic regions made it possible to move all the equipment, supplies and machinery needed for oil drilling. Transair also carried large volumes of charter freight into the north and ranked second with 2.7 million bulk goods ton-miles. Air cargo traffic between metropolitan centres is of growing interest to the major carriers. Air Canada reported no charter freight ton-miles in 1967 but showed almost a million in 1968. However, this type of service is peculiar to the bush operators who fly to areas which are inaccessible except by air. The importance of such small operators can be seen by the fact that Group IV carriers as a group reported over one million bulk goods ton-miles in 1968 using aircraft of the DC3 size or larger.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1968

	Canadian carriers						Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	1967
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
		Group III(1)	Group IV	Total							
Number of carriers reporting ...	6	29	88	117	123	11	11	11	145	135	
Revenue transportation services:											
Unit toll:											
Departures	295,385	54,022	51,697	105,719	401,104	..	..	..	..	..
Hours flown	423,909	35,302	27,712	63,014	486,923	7,035	22,044	22,044	516,002	474,331	
Miles scheduled	126,594,268	...	...	...	126,594,268	2,427,704	8,749,103	8,749,103	137,761,075	122,517,532
Miles flown:(4)											
Scheduled	128,394,688	...	...	...	128,394,688	2,335,961	8,769,697	8,769,697	139,500,346	124,847,746
Non-scheduled	2,373,021	4,804,352	3,820,791	8,625,143	10,998,164	-	-	-	10,998,164	9,328,348	
Totals	130,767,709	4,804,352	3,820,791	8,625,143	139,392,852	2,335,961	8,769,697	8,769,697	150,498,510	134,176,094	
Passengers carried	8,207,631	119,132	102,209	221,341	8,428,972	1,975,435	547,904	547,904	10,952,311	10,747,129	
Goods carried:											
Cargo	221,340,916	8,485,607	3,718,386	12,203,993	233,544,909	32,041,998	48,306,743	48,306,743	316,416,381	253,352,218	
Excess baggage(5)	1,818,802	535,230	168,699	703,929	2,522,731	5,690,176	3,150,967	3,150,967	68,029,934	61,666,351	
Mail	54,830,841	2,921,802	1,436,148	4,357,950	59,188,791	37,732,174	51,457,710	51,457,710	384,446,315	315,018,569	
Totals	277,990,559	11,942,639	5,323,233	17,265,872	295,256,431	86,638,962	453,999,585	453,999,585	8,066,298,693	7,558,559,689	
Passenger-miles	7,485,732,569	25,648,345	14,279,232	39,927,577	7,525,660,146	176,127,508	20,898,520	20,898,520	198,853,796	146,446,329	
Goods ton-miles:											
Cargo	172,956,117	2,805,850	365,541	3,171,391	176,127,508	816,043	1,627,455	1,627,455	32,475,707	30,589,694	
Excess baggage	891,482	103,130	17,113	120,243	1,011,725	131,790	22,525,975	22,525,975	231,329,503	177,036,023	
Mail	29,882,179	678,465	155,818	834,283	30,716,462	947,833	..	..	..	..
Totals	203,729,778	3,587,445	538,472	4,125,917	207,855,695	..	..	..	..	..
Bulk:											
Departures	16,930	140,129	223,154	363,283	380,213	..	..	..	..	..
Hours flown	27,363	191,965	208,202	400,167	427,530	43	644	644	428,217	398,711	
Miles flown	5,937,852	15,521,530	20,678,787	36,200,317	42,138,169	14,540	239,331	239,331	42,392,040	37,019,134	
Passengers carried	156,157	341,631	378,568	720,199	876,356	6,739	39,529	39,529	922,624	848,973	
Freight carried	27,910,496	69,487,782	54,928,015	124,415,797	152,326,293	228,200	239,668	239,668	152,794,161	120,831,666	
Passenger-miles(6)	294,637,912	340,565,221	8,765,862	349,331,083	643,968,995	..	..	..	..	..
Goods ton-miles(6)	10,615,816	6,597,688	1,051,900	7,649,588	18,265,404	..	..	..	..	..
Revenue non-transportation services:											
Specialty flying - Hours flown "	3,447	96,129	144,433	240,562	244,009	-	-	-	244,009	255,694	

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	1967
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers		Group III(1)	Group IV				Total		
	Groups I and II(1)									
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures	312,315	194,151	274,851	469,002	781,317	..	..	..	1,188,228	..
Hours flown	454,719	323,396	380,347	703,743	1,158,462	..	7,078	22,688	1,128,736	..
Miles flown	136,705,561	20,325,882	24,499,578	44,825,460	181,531,021	..	2,350,501	9,009,028	192,890,550	171,195,228
Passengers carried	8,363,788	460,763	480,777	941,540	9,305,328	..	1,982,174	587,433	11,874,935	11,596,102
Cargo carried	249,251,412	77,973,389	58,646,401	136,619,790	388,393,933(8)	..	32,270,198	48,546,411	469,210,542	374,183,884
Goods carried	305,901,055	81,430,421	60,251,248	141,681,669	447,582,724	..	37,960,374	51,697,378	537,240,476	435,850,235
Passenger-miles(6)	7,780,370,481	366,213,566	23,045,094	389,258,660	8,169,629,141	..	..	..	..	..
Goods ton-miles(6)	214,345,594	10,185,133	1,590,372	11,775,505	226,121,099	..	..	..	..	..
Non-revenue:										
Hours flown	14,936	14,622	13,358	27,980	42,916	..	53	74	44,989	..
Passengers carried	52,379	2,055	757	2,812	55,191	..	40,997	12,778	108,966	92,648
Goods carried	2,892,969	576,581	484,827	1,061,408	3,954,377	..	577,992	723,565	5,255,934	4,698,606
Passenger-miles	403,213,293	1,947,355	161,831	2,109,186	405,322,479	..	1,881,591	9,829,291	417,033,361	300,510,814
Goods ton-miles	9,093,676	365,326	29,083	394,409	9,488,085	..	15,889	1,090,313	10,594,287	9,575,773
Fuel and oil consumed:										
Turbo fuel - Quantity	356,716,480	8,655,039	944,564	9,599,603	366,316,083	..	14,703,458	60,801,871	441,821,412	388,883,866
Cost	50,748,363	1,833,493	302,142	2,135,635	52,883,998	..	1,917,725	9,769,628	53,533,751	53,533,751
Gasoline - Quantity	14,717,634	10,281,266	6,293,973	16,575,239	31,292,873	..	209,215	10,088	31,512,176	32,034,267
Cost	4,816,291	4,393,816	2,852,679	7,246,495	12,062,786	..	46,648	2,896	12,112,330	12,008,598
Turbo oil - Quantity	80,403	1,374	5,803	7,177	87,580	..	2,534	1,444	78,133	78,133
Cost	658,886	7,977	3,208	11,185	670,071	..	16,383	112	686,566	603,786
Other oil - Quantity	147,182	152,725	111,428	264,153	411,335	..	-	12,606	423,941	407,359
Cost	167,882	242,395	195,231	437,626	605,508	..	-	113	555,570	555,570
Average number of employees:										
Pilots and co-pilots	1,811	574	549	1,123	2,934	..	..	..	..	..
Other flight personnel	2,175	106	34	140	2,315	..	..	..	..	..
General management	421	190	154	344	765	..	..	..	..	..
Maintenance labour	4,845	569	463	1,032	5,877	..	..	..	..	..
Aircraft & traffic servicing	7,858	199	95	294	8,152	..	..	..	..	..
Other personnel	5,947	320	240	560	6,507	..	..	..	..	..
Totals	23,057	1,958	1,535	3,493	26,550	..	646	798	27,994	26,006
Salaries and wages paid:										
Pilots and co-pilots	29,013,883	5,987,599	4,926,831	10,914,430	39,928,313	..	..	..	..	..
Other flight personnel	14,248,199	669,703	282,618	952,321	15,200,520	..	..	..	..	..
General management	5,997,468	1,980,282	1,328,245	3,308,527	9,305,995	..	..	..	..	..
Maintenance labour	38,242,983	4,104,183	2,959,042	7,063,225	45,306,208	..	..	..	..	..
Aircraft & traffic servicing	54,593,044	953,333	472,960	1,426,293	56,019,337	..	..	..	..	..
Other personnel	45,859,462	1,559,140	1,463,880	3,023,020	48,882,482	..	..	..	..	..
Totals	187,955,039	15,254,240	11,433,576	26,687,816	214,642,855	..	4,765,778	6,003,646	225,412,279	196,197,020

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1968

	Scheduled carriers			Non-scheduled carriers				Grand total	Year to date 1967
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total	Total		
Operating revenues:									
Unit toll transportation:									
Passengers	416,462,071	20,707,908	437,169,979	3,693,618	2,074,135	5,767,753	442,937,732	398,432,559	
Express	8,785,489	519,936	9,305,425	80,694	51,655	132,349	9,437,774	7,461,247	
Freight	35,289,538	3,079,302	38,368,840	1,840,590	346,249	2,186,839	40,555,679	30,816,490	
Excess baggage	2,177,521	361,031	2,538,552	126,447	26,163	153,060	2,691,612	2,298,828	
Mail	21,147,083	1,948,796	23,095,879	972,581	353,114	1,325,695	24,421,574	23,607,063	
Total unit toll transportation ..	483,861,702	26,616,973	510,478,675	6,713,930	2,851,766	9,565,696	520,044,371	462,616,187	
Bulk transportation	5,297,452	10,055,294	15,352,746	35,585,458	20,760,160	56,345,618	71,698,364	57,572,708	
Total transportation	489,159,154	36,672,267	525,831,421	42,299,388	23,611,926	65,911,314	591,742,735	520,188,895	
Other flying services	87,717	1,025,589	1,113,306	7,228,983	5,567,699	12,796,682	13,909,988	13,310,278	
Total flying services	489,246,871	37,697,856	526,944,727	49,528,371	29,179,625	78,707,996	605,652,723	533,499,173	
Non-flying services	5,078,679	1,598,257	6,676,936	1,713,869	2,333,134	4,047,003	10,723,939	10,110,605	
Total operating revenues	494,325,550	39,296,113	533,621,663	51,242,240	31,512,759	82,754,999	616,376,662	543,609,778	
Operating expenses:									
Flying operations	116,895,565	13,038,710	129,934,275	22,155,663	13,082,269	35,237,932	165,172,207	142,176,531	
Maintenance	82,457,503	10,722,213	93,179,716	12,986,426	7,644,557	20,630,983	113,810,699	106,799,536	
General services and administration:									
Passenger service	47,273,918	2,106,096	49,380,014	..	..	..	..	..
Aircraft and traffic servicing	70,747,440	4,895,877	75,643,317	..	..	..	..	..
Promotion and sales	78,529,111	3,145,374	81,674,485	..	..	..	..	..
General administration	20,882,673	2,969,865	23,852,538	..	..	..	..	..
Totals	217,433,142	13,117,212	230,550,354	10,161,286	5,365,548	15,526,834	246,077,188	217,064,093	
Depreciation and amortization	41,594,312	2,610,385	44,204,697	3,946,643	3,317,826	7,264,469	51,469,166	50,036,170	
Total operating expenses	458,380,522	39,488,520	497,869,042	49,250,018	29,410,200	78,660,218	576,529,260	516,076,330	
Operating income (loss)	35,945,028	Dr. 192,407	35,752,621	1,992,222	2,102,559	4,094,781	39,847,402	27,533,448	
Non-operating income - Net:									
Capital gains and losses	23,768	161,530	185,298	523,240	223,894	747,134	932,432	1,279,336	
Interest and discounts	6,785,990	165,295	6,951,285	247,860	18,623	266,483	7,217,768	6,358,712	
Miscellaneous non-operating income ..	525,283	959,471	1,484,754	171,603	107,018	278,621	1,763,375	310,566	
Income before interest expense	43,280,069	1,093,889	44,373,958	2,934,925	2,452,094	5,387,019	49,760,977	35,482,062	
Interest expense	22,012,864	1,907,093	23,919,957	1,544,871	864,748	2,409,619	26,329,576	18,702,751	
Income before income taxes	21,267,205	Dr. 813,204	20,454,001	1,390,054	1,587,346	2,977,400	23,431,401	16,779,311	
Provision for income taxes	10,708,600	214,200	10,922,800	420,197	224,404	644,601	11,567,401	5,709,071	
Net income after income taxes	10,558,605	Dr. 1,027,404	9,531,201	969,857	1,362,942	2,332,799	11,864,000	11,070,240	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year ended 1967
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	328,136,847	88,325,224	3,332,169	8,780,926	5,158,779	3,436,034	437,169,979	393,841,596
Express	7,961,583	823,906	71,104	326,692	-	122,140	9,305,425	7,352,356
Freight	26,811,020	8,478,518	872,650	1,103,130	809,901	293,621	38,368,840	29,112,226
Excess baggage	1,448,302	729,219	65,798	173,458	103,622	18,153	2,538,552	2,166,778
Mail	14,633,550	6,513,533	747,156	697,744	169,783	334,113	23,095,879	22,985,719
Total unit toll transportation ..	378,991,302	104,870,400	5,088,877	11,081,950	6,242,085	4,204,061	510,478,675	455,058,675
Bulk transportation	5,030,009	267,443	1,585,681	6,536,055	34,121	1,899,437	15,352,746	11,878,039
Total transportation	384,021,311	105,137,843	6,674,558	17,618,005	6,276,206	6,103,498	525,831,421	466,936,714
Other flying services	87,717	-	1,025,589	-	-	-	1,113,306	1,553,956
Total flying services	384,109,028	105,137,843	7,700,147	17,618,005	6,276,206	6,103,498	526,944,727	468,490,670
Non-flying services	3,518,538	1,560,141	1,446,499	-	782	150,976	6,676,936	6,573,162
Total operating revenues	387,627,566	106,697,984	9,146,646	17,618,005	6,276,988	6,254,474	533,621,663	475,063,832
Operating expenses:								
Flying operations	83,524,495	33,371,070	2,594,981	5,533,493	2,654,561	2,255,675	129,934,275	114,236,129
Maintenance	69,829,021	12,628,482	2,781,341	3,868,172	1,960,816	2,111,884	93,179,716	88,983,690
General services and administration:								
Passenger service	36,267,987	11,005,931	355,968	1,094,706	237,914	417,508	49,380,014	42,944,454
Aircraft and traffic servicing	57,960,632	12,786,808	1,561,565	2,180,094	510,473	643,745	75,643,317	65,938,437
Promotion and sales	56,514,844	22,014,267	291,687	1,132,985	1,060,332	660,370	81,674,485	75,583,369
General administration	15,844,276	5,038,397	474,667	1,302,925	680,752	511,521	23,852,538	20,610,686
Totals	166,587,739	50,845,403	2,683,887	5,710,710	2,489,471	2,233,144	230,550,354	205,076,946
Depreciation and amortization	39,668,612	1,925,700	648,087	1,439,480	170,814	352,004	44,204,697	44,166,353
Total operating expenses	359,609,867	98,770,655	8,708,296	16,551,855	7,275,662	6,952,707	497,869,042	452,463,118
Operating income (loss)	28,017,699	7,927,329	438,350	1,066,150	998,674	698,233	35,752,621	22,600,714
Non-operating income - Net:								
Capital gains and losses	-	23,768	49,541	110,258	-	1,731	185,298	575,233
Interest and discounts	6,028,837	757,153	15,031	150,264	-	-	6,951,285	6,161,420
Miscellaneous non-operating income ..	564,178	Dr.	47,822	27,146	775,540	108,963	1,484,754	Dr.
Income before interest expense	34,610,714	8,669,355	550,744	1,353,818	Dr.	587,539	44,373,958	29,207,974
Interest expense	18,247,157	3,765,707	474,757	854,912	406,466	170,958	23,919,957	17,124,319
Income before income taxes	16,363,557	4,903,648	75,987	498,906	Dr.	758,497	20,454,001	12,083,655
Provision for income taxes	8,180,000	2,528,600	-	214,200	-	-	10,922,800	5,880,000
Net income after income taxes	8,183,557	2,375,048	75,987	284,706	Dr.	758,497	9,531,201	6,203,655

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures No.	197,707	30,570	228,277	12,876	18,776	24,682	10,774	67,108	295,385
Hours flown	296,681	62,985	359,666	13,384	19,136	19,226	12,497	64,243	423,909
Miles scheduled	94,543,197	23,433,465	117,976,662	632,799	3,531,404	2,853,813	1,599,590	8,617,606	126,594,268
Miles flown:									
Scheduled - Regular	92,890,967	23,195,934	116,086,901	591,666	3,423,623	2,547,251	1,570,124	8,132,664	124,219,565
Extra sections	3,530,594	294,905	3,825,499	52,758	199,612	30,102	67,152	349,624	4,175,123
Non-scheduled	-	-	-	1,380,642	152,525	441,347	398,507	2,373,021	2,373,021
Totals	96,421,561	23,490,839	119,912,400	2,025,066	3,775,760	3,018,700	2,035,783	10,855,309	130,767,709
Ratio of regular miles flown to miles scheduled	98.3	99.0	98.4	93.5	96.9	89.3	98.2	94.4	98.1
Passengers carried No.	6,379,525	1,032,347	7,411,872	111,530	376,082	188,435	119,712	795,759	8,207,631
Goods carried:									
Freight	154,016,817	24,119,859	178,136,676	7,965,129	8,021,796	3,044,395	2,202,292	21,233,612	199,370,288
Express	18,387,539	1,997,488	20,385,027	223,797	1,006,897	-	354,907	1,585,601	21,970,628
Excess baggage(2)	-	293,362	293,362	225,171	781,189	448,053	71,027	1,525,440	1,818,802
Mail	43,063,784	4,659,333	47,723,117	3,050,947	2,354,580	870,143	832,054	7,107,724	54,830,841
Totals	215,468,140	31,070,042	246,538,182	11,465,044	12,164,462	4,362,591	3,460,280	31,452,377	277,990,559
Passenger-miles:									
Scheduled	5,616,011,002	1,643,566,579	7,259,577,581	11,087,156	96,208,927	49,673,111	37,788,122	194,757,316	7,454,334,897
Non-scheduled	-	-	-	22,400,202	505,163	5,440,239	3,052,068	31,397,672	31,397,672
Totals	5,616,011,002	1,643,566,579	7,259,577,581	33,487,358	96,714,090	55,113,350	40,840,190	226,154,988	7,485,732,569
Available seat-miles on scheduled services	9,716,545,073	3,270,827,813	12,987,372,886	23,293,096	219,382,278	86,283,804	80,518,026	409,477,204	13,396,850,090
Passenger load factor on scheduled services	57.8	50.2	55.9	47.6	43.9	57.6	46.9	47.6	55.6
Goods ton-miles:									
Freight - Scheduled	120,911,179	35,049,440	155,960,619	211,441	2,333,531	537,576	402,637	3,485,185	159,445,804
Non-scheduled	-	-	-	1,694,975	6,734	96,192	79,639	1,877,540	1,877,540
Totals	120,911,179	35,049,440	155,960,619	1,906,416	2,340,265	633,768	482,276	5,362,725	161,323,344
Express - Scheduled	9,893,493	1,341,098	11,234,591	9,324	287,596	-	63,947	360,867	11,595,458
Non-scheduled	-	-	-	31,666	-	-	5,649	37,315	37,315
Totals	9,893,493	1,341,098	11,234,591	40,990	287,596	-	69,596	398,182	11,632,773

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1968

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
Revenue transportation services - Concluded:								
Unit toll - Concluded:								
Goods ton-miles - Concluded:								
Excess baggage - Scheduled(2) No.	..	572,645	572,645	14,084	151,773	75,318	14,221	255,396
Non-scheduled ..	-	-	-	45,762	2,347	15,175	157	63,441
Totals .....	..	572,645	572,645	59,846	154,120	90,493	14,378	318,837
Mail - Scheduled	22,859,947	5,483,082	28,343,029	141,582	731,584	70,320	90,304	1,033,790
Non-scheduled	-	-	-	422,819	1,119	23,745	57,677	505,360
Totals	22,859,947	5,483,082	28,343,029	564,401	732,703	94,065	147,981	1,539,150
Total - Scheduled	153,664,619	42,446,265	196,110,884	376,431	3,504,484	683,214	571,109	5,135,238
Non-scheduled	-	-	-	2,195,222	10,200	135,112	143,122	2,483,636
Totals	153,664,619	42,446,265	196,110,884	2,571,653	3,514,684	818,326	714,231	7,618,894
Available ton-miles on scheduled services	1,472,892,836	471,533,956	1,944,426,792	2,857,317	28,315,036	8,649,720	9,461,216	49,283,289
Weight load factor on scheduled services(3)	48.6	43.9	47.4	52.0	46.4	65.3	46.0	49.9
Bulk:								
Departures	1,674	80	1,754	10,485	3,091	125	1,475	15,176
Hours flown	4,516	236	4,752	10,968	6,441	167	5,035	22,611
Miles flown	1,790,711	92,153	1,882,864	1,134,319	1,947,512	22,595	950,562	4,054,988
Passengers carried	61,161	3,994	65,155	24,847	50,903	829	14,423	91,002
Freight carried	593,627	8,341,209	593,627	3,240,105	18,663,093	-	5,413,671	27,316,869
Passenger-miles(4)	136,763,062	8,341,209	145,104,271	3,205,391	128,796,615	510,126	17,021,509	149,533,641
Goods ton-miles(4)	976,089	-	976,089	202,439	6,774,588	-	2,662,700	9,639,727
Revenue non-transportation services:								
Specialty flying - Hours flown	324	-	324	3,123	-	-	-	3,123
Total - All services:								
Traffic, hours and miles:(5)								
Revenue:								
Departures	199,381	30,650	230,031	23,361	21,867	24,807	12,249	82,284
Hours flown	301,521	63,221	364,742	27,475	25,577	19,393	17,532	89,977
Miles flown	98,212,272	23,582,992	121,795,264	3,159,385	5,723,272	3,041,295	2,986,345	14,910,297
Passengers carried	6,440,686	1,036,341	7,477,027	136,377	426,985	189,264	134,135	886,761
Cargo carried	172,997,983	26,117,347	199,115,330	11,429,031	27,691,786	3,044,395	7,970,870	50,136,082
Goods carried	216,061,767	31,070,042	247,131,809	14,705,149	30,827,555	4,362,591	8,873,951	58,769,246
Passenger-miles(4)	5,752,774,064	1,651,907,788	7,404,681,852	36,692,749	225,510,705	55,623,476	57,861,699	375,688,629
Goods ton-miles(4)	154,640,708	42,446,265	197,086,973	2,774,092	10,289,272	818,326	3,376,931	17,258,621
See footnotes at end of table.								

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown No.	6,933	2,896	9,829	1,798	1,778	748	783	5,107	14,936
Passengers carried "	..	38,766	38,766	3,057	6,347	2,031	2,178	13,613	52,379
Goods carried lb.	..	2,182,089	2,182,089	233,460	320,310	-	157,110	710,880	2,892,969
Passenger-miles No.	313,125,314	85,037,348	398,162,662	1,049,614	2,419,119	643,072	938,826	5,050,631	403,213,293
Goods ton-miles "	6,310,259	2,452,176	8,762,435	67,248	202,869	-	61,124	331,241	9,093,676
Fuel and oil consumed:									
Turbo fuel - Quantity gal.	273,188,840	71,155,728	344,344,568	1,264,929	6,687,415	3,250,912	1,168,656	12,371,912	356,716,480
Cost \$	37,229,042	10,890,337	48,119,379	278,283	1,403,333	683,691	263,677	2,628,984	50,748,363
Gasoline - Quantity gal.	-	7,005,043	7,005,043	1,824,623	3,328,544	388,456	2,170,968	7,712,591	14,717,634
Cost \$	-	2,056,642	2,056,642	588,315	1,215,586	99,002	856,746	2,759,649	4,816,291
Turbo oil - Quantity gal.	54,645	5,672	60,317	710	2,928	16,376	72	20,086	80,403
Cost \$	492,709	38,675	531,384	10,361	39,563	56,858	720	107,502	658,886
Other oil - Quantity gal.	-	61,499	61,499	26,278	33,836	9,342	16,227	85,683	147,182
Cost \$	-	63,194	63,194	33,840	42,106	6,899	21,843	104,688	167,882
Average number of employees:									
Pilots and co-pilots No.	1,156	374	1,530	71	102	57	51	281	1,811
Other flight personnel "	1,576	444	2,020	20	79	21	35	155	2,175
General management "	92	120	212	22	112	54	21	209	421
Maintenance labour "	3,436	743	4,179	218	212	122	114	666	4,845
Aircraft and traffic servicing "	5,773	1,592	7,365	116	153	130	94	493	7,858
Other personnel "	4,758	1,028	5,786	53	45	11	52	161	5,947
Total employees "	16,791	4,301	21,092	500	703	395	367	1,965	23,057
Salaries and wages:									
Pilots and co-pilots \$	19,953,945	5,862,725	25,816,670	766,498	1,257,116	629,706	543,893	3,197,213	29,013,883
Other flight personnel \$	10,237,052	3,277,160	13,514,212	91,951	340,249	99,773	202,014	733,987	14,248,199
General management \$	2,595,405	1,557,812	4,153,217	290,240	811,785	449,690	292,536	1,844,251	5,997,468
Maintenance labour \$	27,681,228	5,712,105	33,393,333	1,398,984	1,914,225	805,010	731,431	4,849,650	38,242,983
Aircraft and traffic servicing \$	41,927,416	9,664,413	51,591,829	658,880	1,086,932	841,007	414,396	3,001,215	54,593,044
Other personnel \$	39,038,378	5,911,123	44,949,501	280,295	245,930	112,098	271,638	909,961	45,859,462
Total salaries and wages \$	141,433,424	31,985,338	173,418,762	3,486,848	5,656,237	2,937,284	2,455,908	14,536,277	187,955,039

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
Passengers carried:							
Originated	5,351,420	848,082	78,664	370,587	188,435	117,054	6,954,242
Domestic interline	1,028,105	95,419	32,285	—	—	—	1,243,594
Foreign interline		87,785	—	—	—	—	
Totals(2)	6,379,525	1,031,286	110,949	370,587	188,435	117,054	8,197,836
Express carried:							
Originated	18,387,539	1,997,488	202,990	1,006,898	—	354,907	21,949,822
Domestic interline	—	—	—	—	—	—	—
Foreign interline	—	—	—	—	—	—	—
Totals(2)	18,387,539	1,997,488	202,990	1,006,898	—	354,907	21,949,822
Freight carried:							
Originated	154,016,817	19,385,954	7,884,549	7,857,274	3,044,395	1,818,323	194,007,312
Domestic interline	—	450,084	—	—	—	—	450,084
Foreign interline	—	1,210,102	—	—	—	—	1,210,102
Totals(2)	154,016,817	21,046,140	7,884,549	7,857,274	3,044,395	1,818,323	195,667,498
Excess baggage carried:							
Originated .....	..	293,288	225,171	738,719	448,003	70,565	1,775,746(3)
Domestic interline .....	..	—	—	—	—	—	—
Foreign interline .....	..	—	—	—	—	—	—
Totals(2) .....	..	293,288	225,171	738,719	448,003	70,565	1,775,746(3)
Mail carried:							
Originated	43,063,784	4,576,762	2,735,946	2,337,483	870,143	475,356	54,059,474
Domestic interline	—	—	—	—	—	—	—
Foreign interline	—	—	—	—	—	—	—
Totals(2)	43,063,784	4,576,762	2,735,946	2,337,483	870,143	475,356	54,059,474

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1968

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures	29,357	10,186	10,528	1,875	51,946	176,331	228,277
Hours flown	43,450	48,412	31,376	11,073	134,311	225,355	359,666
Miles scheduled	12,417,569	23,109,899	12,566,171	5,326,517	53,420,156	64,556,506	117,976,662
Miles flown:							
Scheduled - Regular	12,120,713	22,862,249	12,440,518	5,290,756	52,714,236	63,372,665	116,086,901
Extra sections	241,276	309,726	473,383	211,304	1,235,689	2,589,810	3,825,499
Non-scheduled	—	—	—	—	—	—	—
Totals	12,361,989	23,171,975	12,913,901	5,502,060	53,949,925	65,962,475	119,912,400
Ratio of regular miles flown to miles scheduled	97.6	98.9	99.0	99.3	98.7	93.2	98.4
Passengers carried .....	..	..	..	..	2,419,673	4,992,199	7,411,872
Cargo carried .....	..	..	..	..	83,420,685	115,394,380	198,815,065
Mail carried .....	..	..	..	..	7,776,817	39,946,300	47,723,117
Passenger-miles	629,178,106	1,652,135,409	863,805,655	433,422,339	3,578,541,509	3,681,036,072	7,259,577,581
Available seat-miles on scheduled services "	1,220,667,368	3,212,977,598	1,646,839,389	898,103,679	6,978,588,034	6,008,784,852	12,987,372,886
Passenger load factor on scheduled services	51.5	51.4	52.5	48.3	51.3	61.3	55.9
Goods ton-miles:							
Express	665,046	—	—	—	665,046	8,135,243	8,800,289
Freight	8,908,834	57,319,596	11,769,477	12,417,252	90,415,159	67,979,762	158,394,921
Excess baggage	1,501	154,320	218,518	186,450	562,789	9,856	572,645
Mail	636,166	4,146,637	2,177,582	2,915,293	9,895,678	18,447,351	28,343,029
Totals	10,231,547	61,620,553	14,165,577	15,520,995	101,538,672	94,572,212	196,110,884
Available ton-miles on scheduled service	170,169,664	497,975,693	226,190,245	137,754,533	1,032,090,135	912,336,657	1,944,426,792
Weight load factor on scheduled services(1)	43.0	45.6	44.5	42.7	44.5	50.7	47.4
Bulk:							
Departures	5,050	1,482	224	5	6,761	..	..
Hours flown	7,914	9,429	923	43	18,309	..	..
Miles flown	1,491,316	4,492,838	333,068	19,695	6,336,917	..	..
Passengers carried	34,152	128,952	13,782	538	177,424	..	..
Goods carried	2,030,240	1,925,190	155,052	—	4,110,482	..	..
Passenger-miles(2)	24,553,420	521,617,275	26,101,747	1,958,578	574,231,020	..	..
Goods ton-miles(2)	326,310	2,887,971	124,211	—	3,338,492	..	..
Total:							
Departures	34,407	11,668	10,752	1,880	58,707	..	..
Hours flown	51,364	57,841	32,299	11,116	152,620	..	..
Miles flown	13,853,305	27,664,813	13,246,969	5,521,755	60,286,842	..	..
Passengers carried .....	..	..	..	..	2,597,097	..	..
Goods carried .....	..	..	..	..	95,307,984	..	..
Passenger-miles(2)	653,731,526	2,173,752,684	889,907,402	435,380,917	4,152,772,529	..	..
Goods ton-miles(2)	10,557,857	64,508,524	14,289,788	15,520,995	104,877,164	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

Preliminary Annual 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	1,794,276	1,793,994	3,588,270	420,430	490,790	911,220
Bulk "	9,103	8,351	17,454	36,306	30,368	66,674
Totals "	1,803,379	1,802,345	3,605,724	456,736	531,158	987,894
Freight, express and excess baggage carried:						
Unit toll lb.	17,274,260	53,748,671	71,022,931	18,949,911	57,731,716	76,681,627
Bulk "	424,680	157,276	581,956	149,154	177,900	327,054
Totals "	17,698,940	53,905,947	71,604,887	19,099,065	57,909,616	77,008,681
Mail carried (unit toll) "	2,692,797	6,092,452	8,785,249	2,290,022	2,945,850	5,235,872
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	171,539	185,854	357,393	2,386,245	2,470,638	4,856,883
Bulk "	3,812	3,146	6,958	49,221	41,865	91,086
Totals "	175,351	189,000	364,351	2,435,466	2,512,503	4,947,969
Freight, express and excess baggage carried:						
Unit toll lb.	5,158,385	5,140,101	10,298,394	41,382,555	116,620,397	158,002,952
Bulk "	152,485	-	152,485	726,319	335,176	1,061,495
Totals "	5,310,869	5,140,010	10,450,879	42,108,874	116,955,573	159,064,447
Mail carried (unit toll) "	1,418,942	1,010,775	2,429,717	6,401,761	10,049,077	16,450,838
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	1,129,936	1,203,608	2,333,544	1,256,309	1,267,030	2,523,339
Bulk "	22,888	21,930	44,818	26,333	19,935	46,268
Totals "	1,152,824	1,225,538	2,378,362	1,282,642	1,286,965	2,569,607
Freight, express and excess baggage carried:						
Unit toll lb.	23,070,629	54,583,582	77,654,211	18,311,926	62,036,815	80,348,741
Bulk "	559,042	34,585	593,627	167,277	300,591	467,868
Totals "	23,629,671	54,618,167	78,247,838	18,479,203	62,337,406	80,816,609
Mail carried (unit toll) "	4,179,104	3,430,591	7,609,695	2,222,657	6,618,486	8,841,143

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

Preliminary Annual 1968

	1968						1967	
	Fixed Wing		Helicopters		Total		Total	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	128,297	2,599,327	6,526	516,152	134,823	3,115,479	145,398	3,044,282
Recreational flying	16,578	384,522	1,422	141,564	18,000	526,086	19,244	524,600
Aerial photography and survey(1) ...	14,786	1,494,612	2,561	606,138	17,347	2,100,750	22,372	2,442,918
Aerial photography	848	52,969	216	15,085	1,064	68,054	867	81,917
Aerial inspection, reconnaissance and advertising(2)	20,754	2,188,464	13,242	2,125,625	33,996	4,314,089	30,060	3,469,706
Aerial application & distribution(3) ..	3,492	680,131	141	35,515	3,633	715,646	5,667	687,328
Aerial control	3,269	908,090	1,617	192,696	4,886	1,100,786	8,346	1,617,793
Aerial construction	-	-	281	78,624	281	78,624	510	130,528
Air ambulance and mercy services ...	74	7,850	13	2,573	87	10,423	50	5,724
Aircraft rental	23,692	499,186	1,104	79,299	24,796	578,485	19,944	401,191
Non-transportation charter	2,830	515,808	2,266	381,635	5,096	897,440	3,236	325,659
Totals	214,620	9,330,959	29,389	4,174,906	244,009	13,505,865	255,694	12,731,646

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

Preliminary Annual 1968

	1968			1967
	Carriers operating helicopters only	Carriers operating both helicopters and fixed wing aircraft	Total	Total
Carriers reporting	No. 20	11	31	32
Helicopters - Owned	" 234	39	273	236
Leased	" 34	2	36	25
Totals	" 268	41	309	261
Revenue hours flown - Unit toll	" -	1	1	68
Bulk	" 111,685	7,875	119,560	112,479
Specialty	" 21,877	7,512	29,389	27,495
Totals	" 133,562	15,388	148,950	140,042
Non-revenue hours flown	" 6,648	661	7,309	6,010
Fuel and oil consumed:				
Gasoline	gal. 2,851,499	226,982	3,078,481	2,953,457
Cost	\$ 1,321,383	102,123	1,423,506	1,238,432
Oil	gal. 42,561	3,831	46,392	42,999
Cost	\$ 79,453	7,141	86,594	74,792
Average number of employees:				
Pilots	No. 250	20	270	235
Administrative	" 128	1	129	99
Maintenance labour	" 257	15	271	206
Other personnel	" 24	-	24	16
Totals	" 659	35	694	556
Salaries and wages:				
Pilots	\$ 2,747,848	182,926	2,930,774	2,616,492
Administrative	\$ 1,075,093	7,000	1,082,093	793,800
Maintenance labour	\$ 1,943,639	95,782	2,039,421	1,574,054
Other personnel	\$ 137,850	-	137,850	71,508
Totals	\$ 5,904,430	285,708	6,190,138	5,055,854

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1968

	1968	1967
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	16,214,330	14,640,224
Total transportation	16,214,330	14,640,224
Other flying services	3,214,351	2,139,869
Total flying services	19,428,681	16,780,093
Non-flying services	547,932	345,751
Total operating revenues	19,976,613	17,125,844
Operating expenses:		
Flying operations	7,669,604	6,690,855
Maintenance	5,903,276	4,888,197
General service and administration	2,461,750	1,838,080
Depreciation and amortization	1,887,426	1,786,108
Total operating expenses	17,922,056	15,203,240
Operating income (deficit)	2,054,557	1,922,604
Non-operating income:		
Capital gains and losses	139,522	Dr. 33,709
Interest and discounts	4,732	2,938
Miscellaneous non-operating income	26,015	10,103
Income before interest expense	2,224,826	1,901,936
Interest expense	548,534	453,715
Income before income taxes	1,676,292	1,448,221
Provision for income taxes	125,387	142,195
Net income after income taxes	1,550,905	1,306,026

TABLE 11. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1968

	1968	1967
Reporting carriers	No. 325	275
Transportation:		
Hours flown	" 100,002	112,322
Passengers carried	" 215,926	217,660
Goods carried	1b. 15,223,581	15,415,344
Specialty flying services:		
Flying training	hr. 232,529	207,990
Recreational flying	" 38,991	34,197
Aerial photography and survey(1)	" 1,588	874
Aerial photography	" 405	1,224
Aerial inspection, reconnaissance and advertising(2)	" 12,355	13,365
Aerial application and distribution(3)	" 9,370	9,190
Aerial control	" 1,247	1,440
Aerial construction	" 32	90
Air ambulance and mercy services	" 37	22
Aircraft rental	" 31,360	24,353
Non-transportation charter	" 2,083	2,055
Totals	329,997	294,800
Total - All services:		
Revenue hours flown	No. 429,999	407,122
Non-revenue hours flown	" 15,775	15,922

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

-
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.



**CIVIL AVIATION
PRELIMINARY ANNUAL**

1969

Last Issue

Published by Authority of
The Minister of Industry, Trade and Commerce

DOMINION BUREAU OF STATISTICS
Transportation and Public Utilities Division
Aviation Statistics Centre



Reports Published by the
Transportation and Public Utilities Division
Aviation Statistics Centre

Civil Aviation

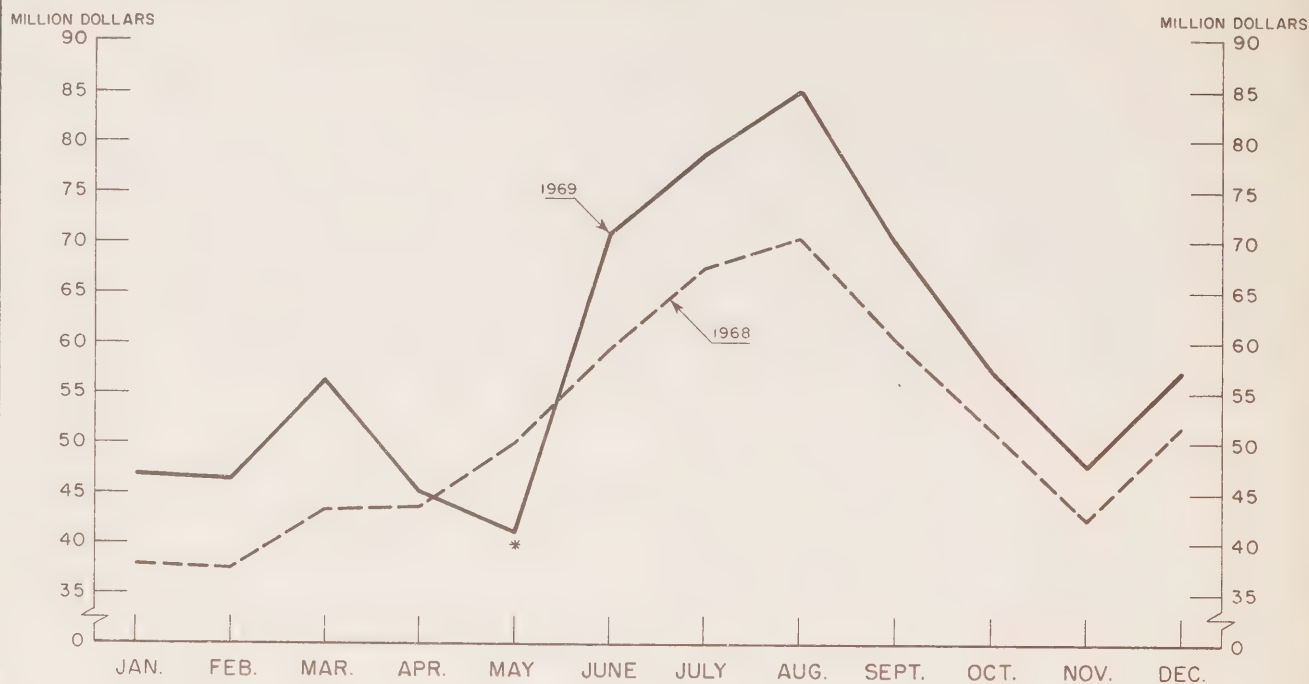
<u>Catalogue No.</u>	<u>Title</u>
51-001	Civil Aviation - Monthly
51-201	Civil Aviation - Preliminary Annual
51-202	Civil Aviation - Annual

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

TABLE OF CONTENTS

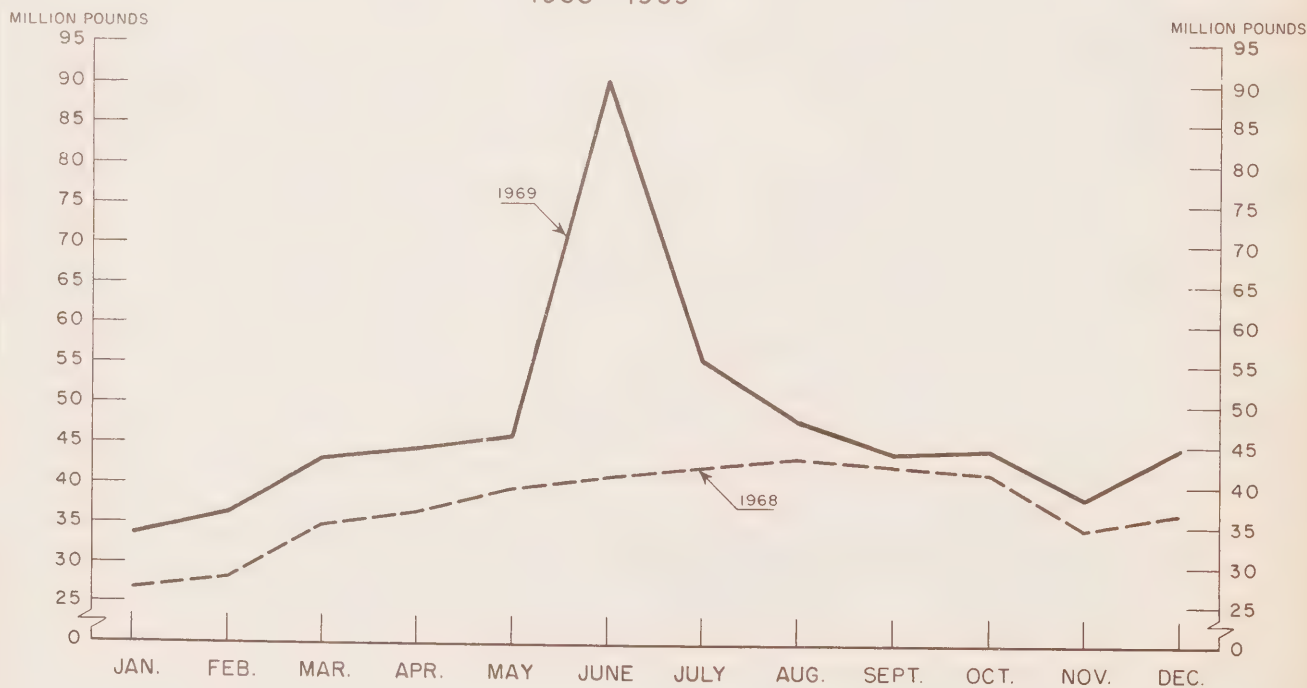
	Page
Charts:	
Operating Revenues of Canadian Air Carriers	4
Revenue Goods Carried by Canadian Air Carriers	4
Revenue Passengers Carried on International Unit Toll Services by Scheduled Carriers (Canadian and Foreign) 1959-1969	5
Revenue Goods Carried on International Unit Toll Services by Scheduled Carriers (Canadian and Foreign) 1963-1969	5
Revenue Passengers Carried on International Charters by Canadian Carriers Groups I-IV and by Foreign Scheduled Carriers 1959-1969	5
Revenue Goods Carried on International Charters by Canadian Carriers Groups I-IV and by Foreign Scheduled Carriers 1963-1969	5
SYMBOLS	6
Introduction and Review of operations	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Revenue Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
11. Operating Statistics, Canadian Group V Carriers	19
Civil Aviation Definitions	20

OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



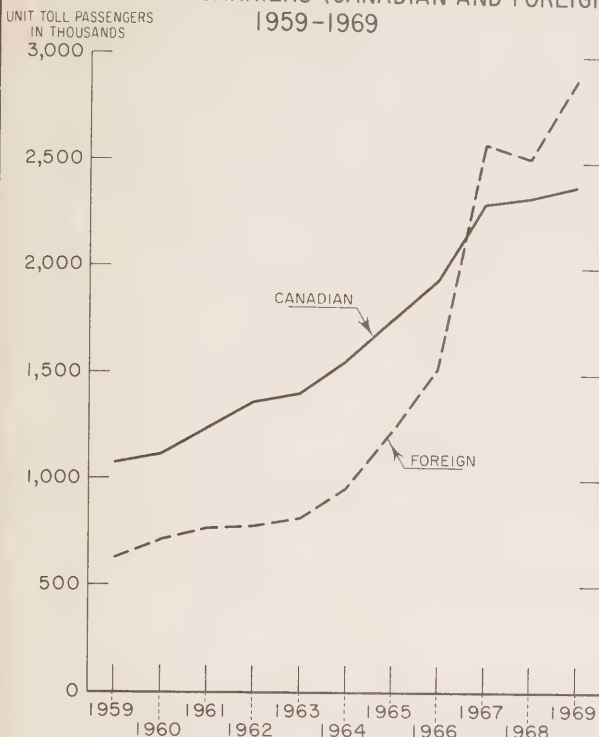
*AIR CANADA STRIKE APRIL 20th TO MAY 20th, 1969.

REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969

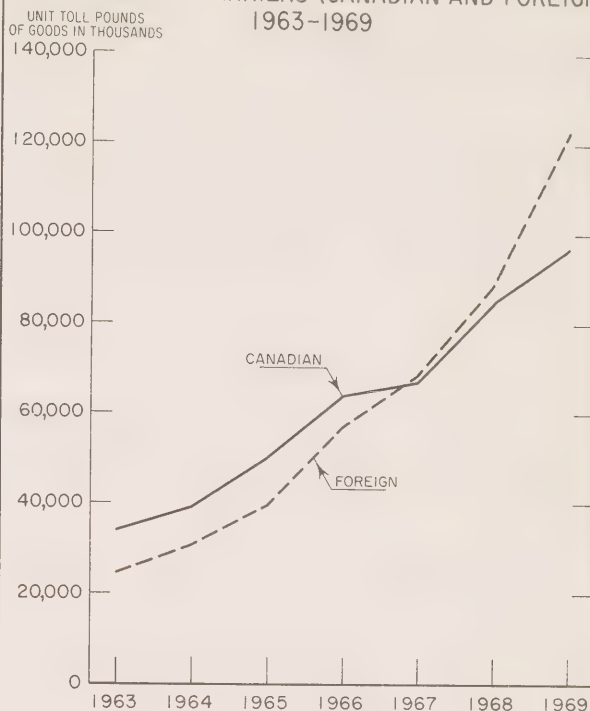


(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

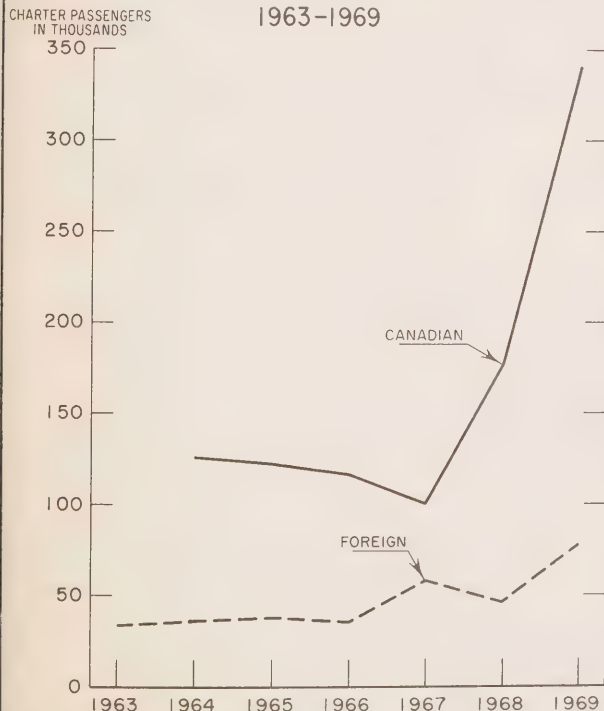
REVENUE PASSENGERS CARRIED ON
INTERNATIONAL UNIT TOLL SERVICES
BY SCHEDULED CARRIERS (CANADIAN AND FOREIGN)
1959-1969



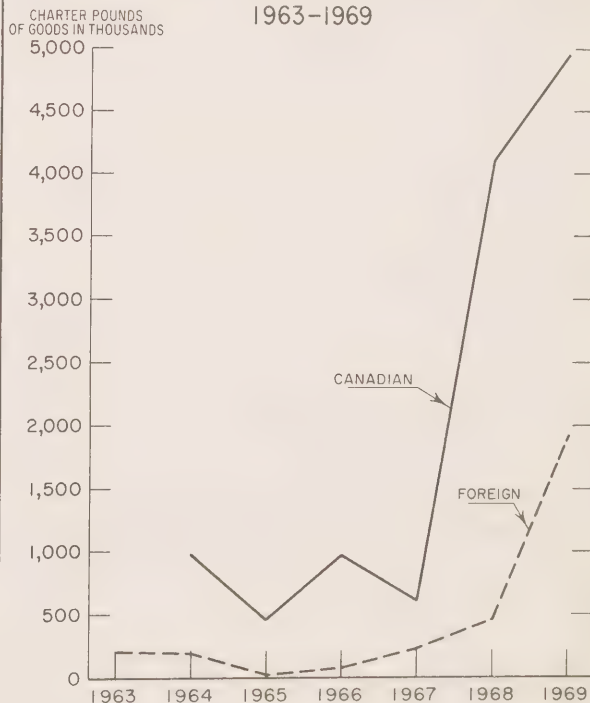
POUNDS OF REVENUE GOODS CARRIED ON
INTERNATIONAL UNIT TOLL SERVICES
BY SCHEDULED CARRIERS (CANADIAN AND FOREIGN)
1963-1969



REVENUE PASSENGERS CARRIED ON
INTERNATIONAL CHARTERS BY CANADIAN CARRIERS
GROUPS I-IV AND BY FOREIGN SCHEDULED CARRIERS
1963-1969



POUNDS OF REVENUE GOODS CARRIED ON
INTERNATIONAL CHARTERS BY CANADIAN CARRIERS
GROUPS I-IV AND BY FOREIGN SCHEDULED CARRIERS
1963-1969



SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

INTRODUCTION

Information contained in this report has been compiled from monthly and quarterly statements filed by Canadian commercial air service operators and by foreign airlines operating scheduled services to and from Canada. A more comprehensive annual report based on audited annual statements will be published later under the title "Civil Aviation 1969". Figures shown in the preliminary annual publication are subject to revision.

For purposes of reporting statistics Canadian air carriers are classified into five groups on the basis of revenues and the type of service performed. Explanations of these groups will be found from page to page of this publication. The number of carriers in a reporting group changes from year to year and the totals produced for a group of carriers are influenced accordingly. In January 1969 seven additional carriers were assigned to Group III while the number reporting in Group IV was reduced from eighty-eight in 1968 to seventy-seven in 1969. Group V, the largest group in terms of numbers of companies, decreased in size from 325 carriers in 1968 to 304 carriers in 1969. These are small companies which report only on a quarterly basis and whose specialized flying services are highly seasonal in terms of traffic. Table 11 contains figures pertaining to Group V operations; all other tables include only the figures submitted by the approximately 120 companies reporting on a monthly basis.

It should be noted that Nordair Ltd., classified by the Air Transport Committee of the Canadian Transport Commission for regulatory purposes as a Group II carrier, is included with companies in reporting Group III for statistical purposes.

Domestic and international operations of Canadian carriers are combined except in Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll services and carriers operating international charter services. Table 7 presents statistics concerning traffic leaving and entering Canada on an area of service basis. Figures shown are for Canadian and foreign air carriers which operate scheduled services. Those foreign airlines which operate only charter services to Canada are not included in this publication. Foreign air carrier statistics are also qualified by the fact that miles and hours reported are those flown over Canadian territory only and intransit traffic passing through Canada has been excluded.

Civil Aviation, 1969 Operations

The pattern of air carrier operations in Canada was changed markedly during the months of April and May because of a strike by employees of Air Canada. The industrial dispute resulted in a complete shut-down of the largest airline in the country from April 20 to May 20, 1969. In order to provide air transport over the domestic routes normally flown by Air Canada the Canadian Transport Commission gave special permission for other companies to operate these inter-city services for the duration of the strike. This major change in operating conditions of the air transport industry, although temporary, affected figures reported for the year end. A Special Report on the operations conducted under these temporary authorities was issued in the Aviation Statistics Centre Service Bulletin (Vol. 2, No. 7).

The general picture of the air transport industry in Canada (aside from the effects of the Air Canada strike) was one of expanding operations, increasing revenues, even larger increases in expenses and a decline in profits. To cope with increased demands for faster, more comfortable passenger aircraft, and larger more versatile cargo aircraft, air transport operators purchased modern turbine and jet-powered machines capable of doing more work and offering lower per unit operating costs. With these new aircraft and increased activities came additional operating expenses, higher interest rates on borrowed capital, higher wage rates and an increasing need to fully utilize aircraft. Charter flights for groups and inclusive tour holiday "package" plans were actively promoted by carriers with jet aircraft. Europe, the Caribbean and Hawaii proved to be the most popular places for holiday charter traffic. Exceptionally large quantities of freight were reported during the year, especially in charter operations. Specialized cargo aircraft were used to move equipment and materials and supplies to oil exploration sites in the north west of Canada and in the Arctic islands. The Churchill Falls hyrdro-electric development also required a massive amount of goods which could only be delivered by air.

The statements of income for the 119 companies in reporting Groups I-IV showed an increase in total operating revenues to \$702.7 million from \$616.4 million in 1968. Operating expenses however increased by an even greater amount to \$665.6 million from \$576.5 million in 1968. As a result, operating income declined by \$2.8 million and net income after taxes was reduced by \$4.3 million.

The six major carriers as a group, showed a more severe decline in net income after taxes. Profit was reduced to \$3.3 million in 1969 from \$9.5 million in 1968. Carriers in reporting Groups III and IV (including Nordair) showed an increase in operating revenues of over \$20 million from \$82.7 million in 1968 to \$103.3 million in 1969. However, operating expenses for these carriers rose by a lesser amount and as a result operating income was \$2.9 million higher. Net income after taxes was also greater at \$4.2 million, a gain of \$1.9 million over the figure for 1968.

The companies which operating helicopters reported an increase of 25,000 hours in charter work but a decrease of almost 5,000 hours in specialty flying. Companies which operated only helicopters reported an increase of over \$1.6 million in revenues but an increase in operating expenses of \$1.7 million. Increased non-operating expenses for these companies resulted in a decline in income after taxes of more than \$527,000 from the \$1,551,000 level of 1968.

Specialty flying activity and revenues for all types of aircraft were reduced by 14,000 hours and more than \$500,000 from the levels reported in 1968. The largest single area of decline in specialty activity was flying training which fell by almost 19,000 hours from 135,000 to 116,000 hours in 1969. Associated with this was a lowering of the number of hours reported for aircraft rental from 25,000 to 22,000. Cessation of a government-sponsored program of training fees rebate accounted in some measure for this decline in flying training activities.

Foreign air carriers operating scheduled services to and from Canada reported carrying an additional 485,000 passengers and 14.1 million pounds of goods in 1969 compared to 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

Preliminary Annual 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	1968
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	77	113	119	11	12	145		
Revenue transportation services:										
Unit toll:										
Departures(9)	No.									
Hours flown	"	408,659	54,609	25,767	80,376	8,520	22,761	516,002		
Miles scheduled	"	132,163,372	...	...	...	2,998,472	9,240,388	137,761,075	
Miles flown:(4)										
Scheduled	"	133,724,930	...	...	...	2,896,032	9,275,748	145,896,710	
Non-scheduled	"	2,382,724	8,596,230	3,570,829	12,167,059	-	-	14,549,783		
Totals	"	136,107,654	8,596,230	3,570,829	12,167,059	2,896,032	9,275,748	160,446,493		
Passengers carried	"	8,787,169	268,415	97,710	366,125	2,284,144	593,916	10,952,311		
Goods carried:										
Cargo	lb.	228,378,381	15,559,764	3,039,106	18,598,870	42,215,882	65,627,664	316,416,381		
Excess baggage(5)	"	1,613,225	602,175	161,466	763,641	2,376,866	3,689,767	76,959,571		
Mail	"	57,753,652	4,390,372	786,124	5,176,496	62,930,148	10,339,656	434,157,234		
Totals	"	287,745,258	20,552,311	3,986,696	24,539,007	312,284,265	69,317,431	8,066,298,693		
Passenger-miles	No.	8,808,677,156	62,683,093	30,681,079	93,364,172	118,807,472	499,926,039	231,329,503		
Goods ton-miles:										
Cargo	"	206,805,413	5,846,669	1,053,459	6,900,128	213,705,541	22,617,926	198,853,796		
Excess baggage(5)	"	949,294	173,755	180,164	353,919	1,303,213	1,553,770	32,475,707		
Mail	"	33,820,117	1,268,981	261,385	1,530,366	35,350,483	24,171,696	276,098,593		
Totals	"	241,574,824	7,289,405	1,495,008	8,784,413	250,359,237	1,567,660	276,098,593		
Bulk:										
Departures	"	22,341	173,014	193,699	366,713	389,054	1,201	428,217		
Hours flown	"	41,485	254,989	181,258	436,247	477,732	109	51,436,727		
Miles flown	"	11,073,883	20,807,418	19,113,039	39,920,457	50,994,340	405,022	42,392,040		
Passengers carried	"	270,146	470,549	370,174	840,723	1,110,869	65,378	1,187,574		
Freight carried	lb.	109,056,191	88,408,755	41,101,006	129,509,761	238,565,952	1,928,702	152,794,161		
Passenger-miles(6)	No.	761,035,008	537,533,989	11,156,013	548,690,002	1,309,725,010	...	240,494,654		
Goods ton-miles(6)	"	36,967,674	27,120,187	1,121,614	28,241,801	65,209,475	...	...
Revenue non-transportation services:										
Specialty flying - Hours flown "		2,626	46,063	180,986	227,049	229,675	-	229,675	244,009	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

Preliminary Annual 1969

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	1968
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Scheduled carriers							
	Groups I and II(1)	Group III(1)	Group IV					
Total - All services:								
Revenue:								
Traffic, miles and hours:(7)								
Departures(9)	No.							
Hours flown	452,770	355,661	388,011	743,672	1,196,442	8,629	1,229,033	1,188,228
Miles flown	147,181,537	29,403,648	22,683,868	52,087,516	199,269,053	2,933,397	211,883,220	192,890,550
Passengers carried	9,057,315	738,964	467,884	1,206,848	10,264,163	2,295,471	13,218,928	11,874,935
Cargo carried	337,434,572	103,968,519	44,140,112	148,108,631	487,920,069(8)	42,215,882	67,556,366	597,692,317
Goods carried(5)	396,801,449	108,961,066	45,087,702	154,048,768	550,850,217	52,555,538	71,246,133	674,651,888
Passenger-miles(6)	8,841,712,164	600,217,082	41,837,092	642,054,174	9,483,766,338	..	..	..
Goods ton-miles(6)	278,542,498	34,409,592	2,616,622	37,026,214	315,568,712	..	..	..
Non-revenue:(10)								
Hours flown	13,911	15,527	10,587	26,114	40,025	96	40,166	43,043
Passengers carried								
Goods carried								
Passenger-miles	lb.							
Goods ton-miles	No.							
Fuel and oil consumed:								
Turbo fuel - Quantity	gal.							
Cost	\$							
Gasoline - Quantity	gal.							
Cost	\$							
Turbo oil - Quantity	gal.							
Cost	\$							
Other oil - Quantity	gal.							
Cost	\$							
Average number of employees:								
Pilots and co-pilots	No.							
Other flight personnel	"							
General management	"							
Maintenance labour	"							
Aircraft & traffic servicing	"							
Other personnel	"							
Totals	"							
Salaries and wages paid:								
Pilots and co-pilots	\$							
Other flight personnel	\$							
General management	\$							
Maintenance labour	\$							
Aircraft & traffic servicing	\$							
Other personnel	\$							
Totals	\$							
225,412,279								

- (1) Group II non-scheduled carriers included with Group III for statistical purposes. (6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.
- (2) See "Foreign Carriers", page 5, last paragraph. (7) Specialty flying services not included except for hours flown.
- (3) Includes fifth freedom traffic between United States and Canada. (8) Includes excess baggage.
- (4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes. (9) Information concerning unit toll departures not collected during 1969.
- (5) Excludes Air Canada excess baggage. (10) "Non-revenue" data not collected in 1969 except for "hours flown".
- Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

Preliminary Annual 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	1968
	Group I	Group II (1)	Total	Non-scheduled carriers				
				Group III (1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	439,360,456	31,539,115	470,899,571	7,886,038	1,917,719	9,803,757	480,703,328	442,937,732
Express	8,857,742	613,961	9,471,703	111,365	15,744	127,109	9,598,812	9,437,774
Freight	41,810,510	4,287,739	46,098,249	2,924,983	588,700	3,513,683	49,611,932	40,555,679
Excess baggage	2,085,972	380,723	2,466,695	160,695	24,373	185,068	2,651,763	2,691,612
Mail	23,405,231	2,222,784	25,628,015	1,553,679	175,235	1,728,914	27,356,929	24,421,574
Total unit toll transportation ..	515,519,911	39,044,322	554,564,233	12,636,760	2,721,771	15,358,531	569,922,764	520,044,371
Bulk transportation	14,834,237	18,450,670	33,284,907	51,901,897	18,931,672	70,833,569	104,118,476	71,698,364
Total transportation	530,354,148	57,494,992	587,849,140	64,538,657	21,653,443	86,192,100	674,041,240	591,742,735
Other flying services	104,307	806,466	910,773	5,089,618	7,560,939	12,650,557	13,561,330	13,909,988
Total flying services	530,458,455	58,301,458	588,759,913	69,628,275	29,214,382	98,842,657	687,602,570	605,652,723
Non-flying services	7,910,666	2,721,189	10,631,855	2,173,633	4,231,077	6,404,710	15,036,565	10,723,939
Total operating revenues	538,369,121	61,022,647	599,391,768	71,801,908	31,465,459	103,267,367	702,659,135	616,376,662
Operating expenses:								
Flying operations	127,185,958	23,136,917	150,322,875	28,633,387	13,098,812	41,732,199	192,055,074	165,172,207
Maintenance	83,131,374	13,090,716	96,222,090	18,368,335	7,937,862	26,306,197	122,528,287	113,810,699
General services and administration:								
Passenger service	56,553,966	3,948,659	60,502,625	..	..	..	..	..
Aircraft and traffic servicing	79,710,004	8,864,211	88,574,215	..	..	..	..	..
Promotion and sales	89,497,007	3,955,541	93,452,548	..	..	..	..	..
General administration	25,384,590	3,852,623	29,237,213	..	..	..	..	..
Totals	251,145,567	20,621,034	271,766,601	..	..	..	..	..
Depreciation and amortization	46,765,134	4,198,576	50,963,710	5,985,438	3,221,679	9,207,117	60,170,827	51,469,166
Total operating expenses	508,228,033	61,047,243	569,275,276	66,318,650	29,983,695	96,302,345	665,577,621	576,529,260
Operating income (loss)	30,141,088	24,596	30,116,492	5,483,258	1,481,764	6,965,022	37,081,514	39,847,402
Non-operating income - Net:								
Capital gains and losses	2,599,956	464,755	3,064,711	902,996	421,378	1,324,374	4,389,085	932,432
Interest and discounts	7,897,589	1,033,856	8,931,445	220,134	41,873	262,007	9,193,452	7,217,768
Miscellaneous non-operating income ..	Dr.	677,563	Dr.	647,433	39,076	207,748	400,609	1,763,375
Income before interest expense	39,961,070	1,504,145	41,465,215	6,645,464	2,152,763	8,798,227	50,263,442	49,760,977
Interest expense	29,682,962	3,050,089	32,733,051	3,099,697	1,003,275	4,102,972	36,836,023	26,329,576
Income before income taxes	10,278,108	Dr.	8,732,164	3,545,767	1,149,488	4,695,255	13,427,419	23,431,401
Provision for income taxes	5,235,000	156,000	5,391,000	402,720	130,363	533,083	5,924,083	11,567,401
Net income after income taxes	5,043,108	Dr.	3,341,164	3,143,047	1,019,125	4,162,172	7,503,336	11,864,000

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	1968
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	332,727,310	106,633,146	5,178,574	14,766,962	6,782,616	4,810,963	470,899,571	437,169,979
Express	7,967,417	890,375	69,416	409,547	-	134,998	9,471,703	9,305,425
Freight	31,897,017	9,913,493	991,116	1,733,791	1,103,194	459,638	46,098,249	38,368,840
Excess baggage	1,404,660	681,312	87,776	162,476	111,752	18,719	2,466,695	2,538,552
Mail	16,045,619	7,359,612	731,282	1,022,844	200,018	268,640	25,628,015	23,095,879
Total unit toll transportation ..	390,042,023	125,477,888	7,958,164	18,095,620	8,197,580	5,692,958	554,564,233	510,478,675
Bulk transportation	8,732,301	6,101,936	1,567,965	13,478,229	721,046	2,683,430	33,284,907	15,352,746
Total transportation	398,774,324	131,579,824	8,626,129	31,573,849	8,918,626	8,376,388	587,849,140	525,831,421
Other flying services	104,307	-	806,466	-	-	-	910,773	1,113,306
Total flying services	398,878,631	131,579,824	9,432,595	31,573,849	8,918,626	8,376,388	588,759,913	526,944,727
Non-flying services	8,773,462	2,137,404	2,372,409	-	273,041	75,739	10,631,855	6,676,936
Total operating revenues	404,651,893	133,717,228	11,805,004	31,573,849	9,191,667	8,452,127	599,391,768	533,621,663
Operating expenses:								
Flying operations	88,059,839	39,126,119	4,018,831	12,261,585	3,522,372	3,334,129	150,322,875	129,934,275
Maintenance	68,733,091	14,398,283	3,221,201	5,548,304	1,822,810	2,502,341	96,222,090	93,179,716
General services and administration:								
Passenger service	41,411,451	15,142,515	686,627	2,116,577	492,548	742,907	60,502,625	49,380,014
Aircraft and traffic servicing	64,071,149	15,638,855	1,705,850	4,970,609	722,700	1,465,052	88,574,215	75,643,317
Promotion and sales	63,343,725	26,153,282	373,124	1,789,384	1,386,134	406,899	93,452,548	81,674,485
General administration	18,135,267	7,249,424	535,155	1,852,189	577,167	888,112	29,237,213	23,852,538
Totals	186,961,592	64,183,975	3,300,756	10,728,759	3,088,549	3,502,970	271,766,601	230,550,354
Depreciation and amortization	42,433,255	4,331,879	723,536	2,001,108	608,536	865,396	50,963,710	44,204,697
Total operating expenses	386,187,777	122,040,256	11,264,324	30,535,816	9,042,267	10,204,836	569,275,276	497,869,042
Operating income (loss)	18,464,116	11,676,972	540,680	1,038,033	149,400	Dr. 1,752,709	30,116,492	35,752,621
Non-operating income - Net:								
Capital gains and losses	2,162,023	437,933	63,440	456,556	Dr. 11,789	43,752	3,064,711	185,298
Interest and discounts	7,408,498	489,091	3,616	344,733	685,507	-	8,931,445	6,951,285
Miscellaneous non-operating income ..	303,856	Dr. 981,419	21,776	21,504	Dr. 10,644	2,306	Dr. 647,433	1,484,754
Income before interest expense	28,338,493	11,622,577	629,812	1,860,826	812,274	Dr. 1,798,767	41,465,215	44,373,958
Interest expense	25,245,865	4,437,097	579,430	1,437,657	798,167	234,835	32,733,051	23,919,957
Income before income taxes	3,092,628	7,185,480	50,382	423,169	14,107	Dr. 2,033,602	8,732,164	20,454,001
Provision for income taxes	1,545,000	3,690,000	-	156,000	-	-	5,391,000	10,922,800
Net income after income taxes	1,547,628	3,495,480	50,382	267,169	14,107	Dr. 2,033,602	3,341,164	9,531,201

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6)	No.								
Hours flown	274,302	65,921	340,223	14,734	21,766	16,020	15,916	68,436	408,659
Miles scheduled	92,901,420	27,804,012	120,705,432	930,430	5,220,332	2,986,743	2,320,435	11,457,940	132,163,372
Miles flown:(1)									
Scheduled - Regular	91,105,948	27,190,991	118,296,939	839,851	5,042,102	2,986,743	2,254,697	11,123,393	129,420,332
Extra sections	2,861,356	866,639	3,727,995	79,689	454,493	-	42,421	576,603	4,304,598
Non-scheduled	-	-	-	1,895,661	-	-	487,063	2,382,724	2,382,724
Totals	93,967,304	28,057,630	122,024,934	2,815,201	5,496,595	2,986,743	2,784,181	14,082,720	136,107,654
Ratio of regular miles flown to miles scheduled	98.1	97.8	98.0	90.3	96.6	100.0	97.2	97.7	98.0
Passengers carried	6,434,949	1,214,632	7,649,581	140,845	626,064	205,976	164,703	1,137,588	8,787,169
Goods carried:									
Freight	152,423,250	29,097,335	181,520,585	8,230,294	10,208,486	4,256,257	4,170,561	26,865,598	208,386,183
Express	16,227,705	2,015,615	18,243,320	182,664	1,102,255	-	463,959	1,748,878	19,992,198
Excess baggage(2) .....	..	361,196	361,196	266,940	551,457	433,618	14	1,252,029	1,613,225
Mail	44,973,918	5,162,304	50,136,222	2,919,284	3,111,081	678,279	908,786	7,617,430	57,753,652
Totals	213,624,873	36,636,450	250,261,323	11,599,182	14,973,279	5,368,154	5,543,320	37,483,935	287,745,258
Passenger-miles:(1)									
Scheduled	5,740,298,549	1,985,202,530	7,725,501,079	21,082,882	168,067,524	72,999,938	51,196,774	313,347,118	8,038,848,197
Non-scheduled	-	-	-	37,314,219	-	-	4,514,740	41,828,959	41,828,959
Totals	5,740,298,549	1,985,202,530	7,725,501,079	58,397,101	168,067,524	72,999,938	55,711,514	355,176,077	8,080,677,156
Available seat-miles on scheduled services(1)	10,058,407,457	3,952,060,124	14,010,467,581	58,745,670	386,897,899	127,264,330	105,055,843	677,963,742	14,688,431,323
Passenger load factor on scheduled services(1)	57.1	50.2	55.2	35.9	43.4	57.4	48.7	46.2	54.7
Goods ton-miles:(1)									
Freight - Scheduled	148,203,814	42,306,116	190,509,930	249,314	3,538,391	862,877	583,622	5,234,204	195,744,134
Non-scheduled	-	-	-	1,731,972	-	-	264,022	1,995,994	1,995,994
Totals	148,203,814	42,306,116	190,509,930	1,981,286	3,538,391	862,877	847,644	7,230,198	197,740,128
Express - Scheduled(1)	7,696,294	924,410	8,620,704	12,626	328,013	-	79,051	419,690	9,040,394
Non-scheduled	-	-	-	18,021	-	-	6,870	24,891	24,891
Totals	7,696,294	924,410	8,620,704	30,647	328,013	-	85,921	444,581	9,065,285

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

Preliminary Annual 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) No.	..	656,752	656,752	29,351	116,686	100,869	-	246,906	903,658
Non-scheduled ..	..	-	-	45,636	-	-	-	45,636	45,636
Totals .....	..	656,752	656,752	74,987	116,686	100,869	-	292,542	949,294
Mail - Scheduled(1)	25,151,448	6,770,167	31,921,615	272,643	889,785	173,268	95,499	1,431,195	33,352,810
Non-scheduled	-	-	-	397,964	-	-	69,343	467,307	467,307
Totals	25,151,448	6,770,167	31,921,615	670,607	889,785	173,268	164,842	1,898,502	33,820,117
Total - Scheduled(1, 2)	181,051,556	50,657,445	231,709,001	563,934	4,872,875	1,137,014	758,172	7,331,995	239,040,996
Non-scheduled	-	-	-	2,193,593	-	-	340,235	2,533,828	2,533,828
Totals	181,051,556	50,657,445	231,709,001	2,757,527	4,872,875	1,137,014	1,098,407	9,865,823	241,574,824
Available ton-miles on scheduled services(1)	1,600,260,852	548,606,305	2,148,867,157	6,399,721	49,934,309	14,386,243	13,427,519	84,147,792	2,233,014,949
Weight load factor on scheduled services(1, 3)	47.2	45.4	46.7	41.8	43.4	58.6	43.8	46.0	46.7
Bulk:									
Departures	2,045	599	2,644	10,790	5,002	1,354	2,541	19,697	22,341
Hours flown	6,675	2,867	9,542	11,238	12,085	1,640	6,980	31,943	41,485
Miles flown	2,885,145	1,356,416	4,241,561	1,098,440	4,099,609	327,904	1,306,369	6,832,322	11,073,883
Passengers carried	92,894	61,366	154,260	20,742	75,191	4,852	15,101	115,886	270,146
Freight carried	3,935,166	51,654	3,986,820	2,991,005	45,253,622	43,271,051	13,553,693	105,069,371	109,056,191
Passenger-miles(4)	277,997,998	230,716,443	508,714,441	2,438,701	227,416,636	5,895,919	16,569,311	252,320,567	761,035,008
Goods ton-miles(4)	5,601,096	37,807	5,638,903	242,109	15,062,662	12,245,120	3,778,880	31,328,771	36,967,674
Revenue non-transportation services:									
Specialty flying - Hours flown	352	-	352	2,274	-	-	-	2,274	2,626
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6)	281,329	68,788	350,117	28,246	33,851	17,660	22,896	102,653	452,770
Hours flown	96,852,449	29,414,046	126,266,495	3,913,641	9,596,204	3,314,647	4,090,550	20,915,042	147,181,537
Miles flown	6,527,843	1,275,998	7,803,841	161,587	701,255	210,828	179,804	1,253,474	9,057,315
Passengers carried	172,586,121	31,164,604	203,750,725	11,403,963	56,564,363	47,527,308	18,189,213	133,683,847	337,434,572
Cargo carried	217,560,039	36,688,104	254,248,143	14,590,187	60,226,901	48,639,205	19,097,013	142,553,306	396,801,449
Goods carried(2)	6,018,296,547	2,215,918,973	8,234,215,520	60,835,802	395,484,160	78,895,857	72,280,825	607,496,644	8,841,712,164
Passenger-miles(4)	186,652,652	50,695,252	237,347,904	2,999,636	19,935,537	13,382,134	4,877,287	41,194,594	278,542,498
Goods ton-miles(2, 4)									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

Preliminary Annual 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded: (5)									
Non-revenue: (7)									
Hours flown No.	5,853	3,046	8,899	1,602	1,871	460	1,070	5,012	13,911
Passengers carried "									
Goods carried lb.									
Passenger-miles No.									
Goods ton-miles "									
Fuel and oil consumed:									
Turbo fuel - Quantity gal.	277,271,652	95,505,782	372,777,434	3,349,067	15,277,146	9,478,435	2,573,732	27,878,380	400,655,814
Cost \$	41,693,763	15,478,925	57,172,688	763,421	3,170,428	1,360,472	585,097	5,879,418	63,052,106
Gasoline - Quantity gal.	-	648,628	648,628	1,496,435	3,942,765	320,319	2,091,341	7,850,860	8,499,488
Cost \$	-	188,252	188,252	512,851	1,494,595	105,605	842,528	2,955,579	3,143,831
Turbo oil - Quantity gal.	36,897	9,838	46,735	846	6,257	18,629	3,900	29,632	76,367
Cost \$	343,703	100,925	444,628	13,528	81,341	65,206	4,974	165,049	609,677
Other oil - Quantity gal.	-	5,630	5,630	22,777	39,636	21,817	24,776	109,006	114,636
Cost \$	-	6,443	6,443	27,621	49,545	17,453	29,956	124,575	131,018
Average number of employees:									
Pilots and co-pilots No.	1,134	370	1,504	29	198	55	67	358	1,862
Other flight personnel "	1,679	515	2,194	14	143	25	44	246	2,440
General management "	102	128	230	21	146	63	23	250	480
Maintenance labour "	3,361	766	4,127	223	272	116	121	732	4,859
Aircraft and traffic servicing "	6,056	1,848	7,904	135	235	134	110	614	8,518
Other personnel "	5,005	1,169	6,174	86	106	13	69	244	6,448
Total employees "	17,337	4,826	22,163	530	1,065	409	431	2,444	24,607
Salaries and wages:									
Pilots and co-pilots \$	20,937,976	7,321,192	28,259,168	910,861	2,409,148	825,640	821,044	4,966,693	33,225,861
Other flight personnel \$	11,497,869	4,028,294	15,526,163	146,452	599,395	142,838	263,257	1,151,942	16,678,105
General management \$	3,047,563	1,783,722	4,831,285	299,473	1,052,721	537,212	298,808	2,210,211	7,041,501
Maintenance labour \$	27,989,560	6,588,683	34,578,243	1,590,778	2,687,582	937,140	930,748	6,146,248	40,724,491
Aircraft and traffic servicing \$	46,354,322	12,319,243	58,673,565	820,386	1,729,316	1,093,074	611,507	4,254,283	62,927,848
Other personnel \$	43,758,971	7,448,831	51,207,802	270,786	573,722	160,754	362,889	1,405,153	52,612,955
Total salaries and wages \$	153,586,261	39,489,970	193,076,231	4,075,733	9,053,886	3,716,658	3,288,253	20,134,530	213,210,761

- (1) Routes included in scheduled or non-scheduled services according to predominant class of service. (4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.
- (2) Excludes Air Canada excess baggage. (5) These data exclude non-transportation services, except for hours flown.
- (3) Standard passenger weight used: 200 pounds. (6) Departures available for bulk transport flights only.
- (7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

Preliminary Annual 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
Passengers carried:							
Originated	5,416,565	967,729	106,316	608,148	205,976	160,376	7,465,110
Domestic interline	918,384	126,571	32,779	-	-	-	1,198,342
Foreign interline	-	120,608	-	-	-	-	-
Totals(2)	6,334,949	1,214,908	139,095	608,148	205,976	160,376	8,663,452
Express carried:							
Originated	17,782,995	2,028,728	182,710	1,102,255	-	463,959	21,560,647
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	17,782,995	2,028,728	182,710	1,102,255	-	463,959	21,560,647
Freight carried:							
Originated	163,603,818	23,376,946	8,228,591	10,208,486	4,256,257	2,831,101	212,505,199
Domestic interline	-	388,685	-	-	-	-	388,685
Foreign interline	-	1,524,229	-	-	-	-	1,524,229
Totals(2)	163,603,818	25,289,860	8,228,591	10,208,486	4,256,257	2,831,101	214,418,113
Excess baggage carried:							
Originated .....	..	362,675	266,940	551,457	433,618	-	1,614,690(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	362,675	266,940	551,457	433,618	-	1,614,690(3)
Mail carried:							
Originated	48,973,918	4,968,113	2,905,098	3,111,081	678,279	513,138	61,149,627
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	48,973,918	4,968,113	2,905,098	3,111,081	678,279	513,138	61,149,627

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

Preliminary Annual 1969

Unit toll:	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures	27,755	10,718	10,659	2,080	51,212	161,855	213,067
Hours flown	41,941	50,793	30,079	11,492	134,305	205,918	340,223
Miles scheduled	13,438,548	24,423,127	12,915,476	5,413,495	56,190,646	64,514,786	120,705,432
Miles flown:							
Scheduled - Regular	13,093,613	23,813,414	12,814,258	5,378,483	55,099,768	63,197,171	118,296,939
Extra sections	258,556	347,605	444,202	252,433	1,302,796	2,425,199	3,727,995
Non-scheduled	-	-	-	-	-	-	-
Totals	13,352,169	24,161,019	13,258,460	5,630,916	56,402,564	65,622,370	122,024,934
Ratio of regular miles flown to miles scheduled	97.4	97.5	99.2	99.4	98.1	98.0	98.0
Passengers carried .....	..	..	..	..	2,401,759	5,247,822	7,649,581
Cargo carried .....	..	..	..	..	91,726,764	108,398,337	200,125,101
Mail carried .....	..	..	..	..	7,801,488	42,334,734	50,136,222
Passenger-miles	736,754,784	1,630,870,742	913,503,177	470,023,789	3,751,152,492	3,974,348,587	7,725,501,079
Available seat-miles on scheduled services "	1,443,262,554	3,348,875,261	1,719,886,836	976,822,192	7,488,846,843	6,521,620,738	14,010,467,581
Passenger load factor on scheduled services	51.0	48.7	53.1	48.1	50.1		
Goods ton-miles:							
Express	567,209	-	-	-	567,209	8,053,495	8,620,704
Freight	10,353,388	78,676,507	16,177,071	13,607,898	118,814,864	71,695,066	190,509,930
Excess baggage	602	192,720	237,972	200,892	632,186	24,566	656,752
Mail	740,576	4,081,842	2,033,742	3,568,343	10,444,503	21,477,112	31,921,615
Totals	11,661,775	82,951,069	18,468,785	17,377,133	130,458,762	101,250,239	231,709,001
Available ton-miles on scheduled service	201,893,299	547,250,770	246,630,284	145,044,934	1,140,819,287	1,008,047,870	2,148,867,157
Weight load factor on scheduled services(1)	42.3	45.0	44.5	44.4	44.3	44.3	46.8
Bulk:							
Departures	4,892	2,483	525	212	8,112	..	..
Hours flown	7,503	14,076	1,415	1,154	24,148	..	..
Miles flown	1,835,217	6,981,103	606,907	603,634	10,026,861	..	..
Passengers carried	45,924	249,092	23,273	22,276	340,565	..	..
Goods carried	694,746	3,875,343	387,807	-	4,957,896	..	..
Passenger-miles(2)	78,295,877	1,005,868,306	49,494,650	65,836,281	1,199,495,114	..	..
Goods ton-miles(2)	235,675	25,859,515	592,419	-	26,647,609	..	..
Total:							
Departures	32,647	13,201	11,184	2,292	59,324	..	..
Hours flown	49,444	64,869	31,494	12,646	158,453	..	..
Miles flown	15,187,386	31,142,122	13,865,367	6,234,550	66,429,425	..	..
Passengers carried .....	..	..	..	..	2,742,324	..	..
Goods carried .....	..	..	..	..	104,486,148	..	..
Passenger-miles(2)	815,050,661	2,636,739,048	962,997,827	535,860,070	4,950,647,606	..	..
Goods ton-miles(2)	11,897,450	108,810,584	19,021,204	17,377,133	157,106,371	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
Preliminary Annual 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	1,958,664	1,978,438	3,937,102	437,866	501,002	938,868
Bulk "	13,927	12,641	26,568	89,997	88,694	178,691
Totals "	1,972,591	1,991,079	3,963,670	527,863	589,696	1,117,559
Freight, express and excess baggage carried:						
Unit toll lb.	20,560,687	59,201,582	79,762,269	29,239,567	76,212,358	105,451,925
Bulk "	113,340	20,400	133,740	3,541,611	1,144,586	4,686,197
Totals "	20,674,027	59,221,982	79,896,008	32,781,178	77,356,944	110,138,122
Mail carried (unit toll) "	2,907,107	10,422,726	13,329,833	2,669,209	3,243,106	5,912,315
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	188,142	204,485	392,627	2,584,672	2,683,925	5,268,597
Bulk "	7,473	6,877	14,350	111,397	108,212	219,609
Totals "	195,615	211,362	406,977	2,696,069	2,792,137	5,488,206
Freight, express and excess baggage carried:						
Unit toll lb.	7,148,165	6,142,640	13,290,805	56,948,419	141,556,580	198,504,999
Bulk "	375,377	6,000	381,377	4,030,328	1,170,986	5,201,314
Totals "	7,523,542	6,148,640	13,672,182	60,978,747	142,727,566	203,706,313
Mail carried (unit toll) "	1,483,318	1,117,595	2,600,913	7,059,634	14,783,427	21,843,061
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	1,156,195	1,228,176	2,384,371	1,443,815	1,440,411	2,884,226
Bulk "	72,051	70,084	142,135	39,346	38,128	77,474
Totals "	1,228,246	1,298,260	2,526,506	1,483,161	1,478,539	2,961,700
Freight, express and excess baggage carried:						
Unit toll lb.	27,807,346	61,500,358	89,307,704	29,141,073	80,056,222	109,197,295
Bulk "	2,144,308	1,128,304	3,272,612	1,886,020	42,682	1,928,702
Totals "	29,951,654	62,628,662	92,580,316	31,027,093	80,098,904	111,125,997
Mail carried (unit toll) "	4,438,530	3,353,652	7,792,182	2,621,104	11,429,775	14,050,879

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service
Preliminary Annual 1969

	1969						1968	
	Fixed-wing		Helicopters		Total		Total	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	112,743	2,413,034	3,417	275,352	116,160	2,688,386	134,823	3,115,479
Recreational flying	16,717	420,262	913	88,047	17,630	508,309	18,000	526,086
Aerial photography and survey(1) ...	14,524	1,632,917	1,489	268,287	16,013	1,901,204	17,347	2,100,750
Aerial photography	2,841	120,701	64	7,081	2,905	127,782	1,064	68,054
Aerial inspection, reconnaissance and advertising(2)	23,769	2,124,489	13,371	1,974,127	37,140	4,098,616	33,996	4,314,089
Aerial application & distribution(3) ..	5,339	1,002,414	807	172,939	6,146	1,175,353	3,633	715,646
Aerial control	5,062	1,398,653	1,236	139,774	6,298	1,538,427	4,886	1,100,786
Aerial construction	-	-	28	5,792	28	5,792	281	78,624
Air ambulance and mercy services ...	45	4,717	25	2,358	70	7,075	87	10,423
Aircraft rental	21,520	412,073	405	27,251	21,925	439,324	24,796	578,485
Non-transportation charter	2,555	169,486	2,805	325,332	5,360	494,818	5,096	897,440
Totals	205,115	9,698,746	24,560	3,286,340	229,675	12,985,086	244,009	13,505,865

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV
Preliminary Annual 1969

	1969			1968
	Carriers operating helicopters only	Carriers operating both helicopters and fixed-wing aircraft	Total	Total
Carriers reporting	No. 22	9	31	31
Helicopters - Owned	" 234	35	269	273
Leased	" 27	4	31	36
Totals	" 261	39	300	309
Revenue hours flown - Unit toll	" -	-	-	1
Bulk	" 130,366	14,032	144,398	119,560
Specialty	" 16,191	8,369	24,560	29,389
Totals	" 146,557	22,401	168,958	148,950
Non-revenue hours flown	" 5,135	544	5,679	7,309
Fuel and oil consumed:				
Gasoline	gal. 2,976,005	412,064	3,388,069	3,078,481
Cost	\$ 1,482,190	176,280	1,658,470	1,423,506
Oil	gal. 41,409	5,129	46,538	46,392
Cost	\$ 89,548	19,897	109,445	86,594
Average number of employees:				
Pilots	No. 260	28	288	270
Administrative	" 123	1	124	129
Maintenance labour	" 253	19	272	271
Other personnel	" 27	-	27	24
Totals	" 663	48	711	694
Salaries and wages:				
Pilots	\$ 3,042,338	286,417	3,328,755	2,930,774
Administrative	\$ 1,118,636	7,871	1,126,507	1,082,093
Maintenance labour	\$ 2,170,642	134,868	2,305,510	2,039,421
Other personnel	\$ 168,633	1,896	170,529	137,850
Totals	\$ 6,500,249	431,052	6,931,301	6,190,138

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
Preliminary Annual 1969

	1969	1968
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	18,721,079	16,214,330
Total transportation	18,721,079	16,214,330
Other flying services	2,329,512	3,214,351
Total flying services	21,050,591	19,428,681
Non-flying services	575,638	547,932
Total operating revenues	21,626,229	19,976,613
Operating expenses:		
Flying operations	8,305,720	7,669,604
Maintenance	6,772,018	5,903,276
General service and administration	2,722,174	2,461,750
Depreciation and amortization	1,824,882	1,887,426
Total operating expenses	19,624,794	17,922,056
Operating income (deficit)	2,001,435	2,054,557
Non-operating income:		
Capital gains and losses	6,943	139,522
Interest and discounts	22,684	4,732
Miscellaneous non-operating income	Dr. 8,533	26,015
Income before interest expense	2,022,529	2,224,826
Interest expense	695,658	548,534
Income before income taxes	1,326,871	1,676,292
Provision for income taxes	303,642	125,387
Net income after income taxes	1,023,229	1,550,905

TABLE 11. Operating Statistics, Canadian Group V Carriers
Preliminary Annual 1969

	1969	1968
Reporting carriers	No. 304	325
Transportation:		
Hours flown	" 120,418	100,002
Passengers carried	" 231,361	215,926
Goods carried	lb. 22,176,644	15,223,581
Specialty flying services:		
Flying training	hr. 204,738	232,529
Recreational flying	" 32,179	38,991
Aerial photography and survey(1)	" 3,200	1,588
Aerial photography	" 206	405
Aerial inspection, reconnaissance and		
advertising(2)	" 14,792	12,355
Aerial application and distribution(3)	" 7,693	9,370
Aerial control	" 1,188	1,247
Aerial construction	" -	32
Air ambulance and mercy services	" 35	37
Aircraft rental	" 30,184	31,360
Non-transportation charter	" 2,090	2,083
Totals	" 296,305	329,997
Total - All services:		
Revenue hours flown	No. 416,723	429,999
Non-revenue hours flown	" 16,461	15,775

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.



BINDING SECT. SEP 3 1981

Government
Publication

